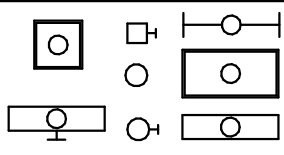
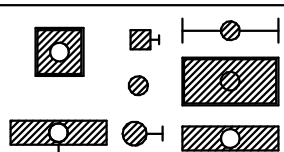


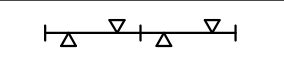
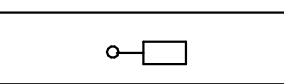
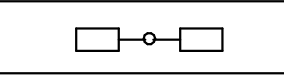


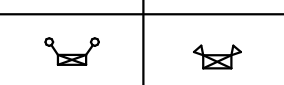



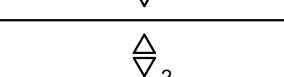
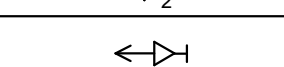
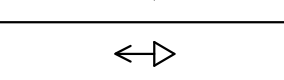

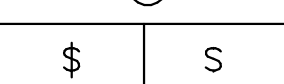
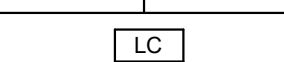
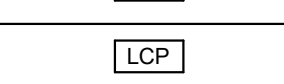
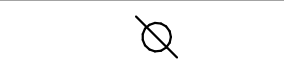


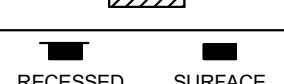
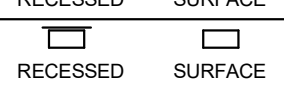

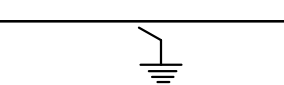
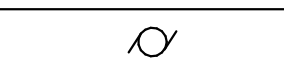


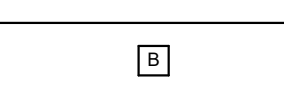
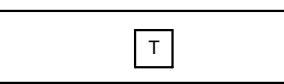













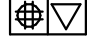



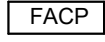





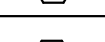



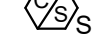





























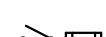







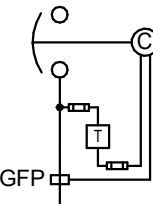
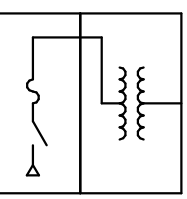

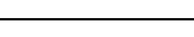
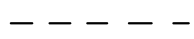
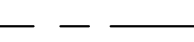
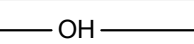
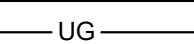
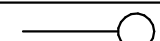
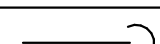
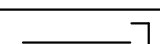
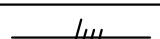





ELECTRICAL SHEET INDEX		
SHEET NUMBER	SHEET TITLE	view use
E.0.1	INDEX, ABBREVIATIONS, & SYMBOLS	INCLUDED
E.0.2	ABBREVIATIONS, SCHEDULES AND NOTES	INCLUDED
E.0.3	ELECTRICAL NOTES	INCLUDED
E.0.4	LIGHTING NOTES AND SCHEDULES	NOT INCLUDED
E.0.5	LIGHTING FIXTURE SCHEDULE AND NOTES	NOT INCLUDED
E.1.1	1ST FLOOR GROUND LEVEL - LIGHTING	NOT INCLUDED
E.1.2	INTERMEDIATE PARKING - LIGHTING	NOT INCLUDED
E.1.2.1	2ND FLOOR - LIGHTING	NOT INCLUDED
E.1.2.3	2ND FLOOR MEZZANINE - LIGHTING	NOT INCLUDED
E.1.3	3RD FLOOR ACCESSIBLE PARKING - LIGHTING	NOT INCLUDED
E.1.3.1	4TH FLOOR PARKING - LIGHTING	NOT INCLUDED
E.1.3.2	5TH FLOOR PARKING - LIGHTING	NOT INCLUDED
E.1.3.3	6TH FLOOR PARKING - LIGHTING	NOT INCLUDED
E.1.3.4	7TH FLOOR PARKING - LIGHTING	NOT INCLUDED
E.1.4	8TH FLOOR - LIGHTING	NOT INCLUDED
E.1.4.1	9TH FLOORS - LIGHTING	NOT INCLUDED
E.1.4.2	10TH-12TH FLOORS - LIGHTING	NOT INCLUDED
E.1.4.3	13TH FLOOR - LIGHTING	NOT INCLUDED
E.1.4.4	14TH FLOOR - LIGHTING	NOT INCLUDED
E.1.4.5	15TH FLOOR - LIGHTING	NOT INCLUDED
E.1.4.6	16TH & 17TH FLOOR - LIGHTING	NOT INCLUDED
E.1.5	18TH FLOOR PENTHOUSE - LIGHTING	NOT INCLUDED
E.1.5.1	ROOF PLAN - LIGHTING	NOT INCLUDED
E.2.1	1ST FLOOR GROUND LEVEL - POWER & IT	INCLUDED
E.2.2	INTERMEDIATE PARKING - POWER & IT	INCLUDED
E.2.2.1	2ND FLOOR - POWER & IT	INCLUDED
E.2.2.3	2ND FLOOR MEZZANINE - POWER & IT	INCLUDED
E.2.3	3RD FLOOR ACCESSIBLE PARKING - POWER & IT	INCLUDED
E.2.3.1	4TH FLOOR PARKING - POWER & IT	INCLUDED
E.2.3.2	5TH FLOOR PARKING - POWER & IT	INCLUDED
E.2.3.3	6TH FLOOR PARKING - POWER & IT	INCLUDED
E.2.3.4	7TH FLOOR PARKING - POWER & IT	INCLUDED
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E.2.4.1	9TH FLOORS - POWER & IT	INCLUDED
E.2.4.2	10TH-12TH FLOORS - POWER & IT	INCLUDED
E.2.4.3	13TH FLOOR - POWER & IT	INCLUDED
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E.2.4.5	15TH FLOOR - POWER & IT	INCLUDED
E.2.4.6	16TH & 17TH FLOOR - POWER & IT	INCLUDED
E.2.5	ROOF PLAN - POWER & IT	INCLUDED
E.3.1	1ST FLOOR GROUND LEVEL - SPECIAL SYSTEMS	INCLUDED
E.3.2	INTERMEDIATE PARKING - SPECIAL SYSTEMS	INCLUDED
E.3.2.1	2ND FLOOR - SPECIAL SYSTEMS	INCLUDED
E.3.2.3	2ND FLOOR MEZZANINE - SPECIAL SYSTEMS	INCLUDED
E.3.3	3RD FLOOR ACCESSIBLE PARKING - SPECIAL SYSTEMS	INCLUDED
E.3.3.1	4TH FLOOR PARKING - SPECIAL SYSTEMS	INCLUDED
E.3.3.2	5TH FLOOR PARKING - SPECIAL SYSTEMS	INCLUDED
E.3.3.3	6TH FLOOR PARKING - SPECIAL SYSTEMS	INCLUDED

ELECTRICAL SHEET INDEX		
SHEET NUMBER	SHEET TITLE	view use
E3.3.4	7TH FLOOR PARKING - SPECIAL SYSTEMS	NOT INCLUDED
E3.4.1	8TH FLOOR - SPECIAL SYSTEMS	NOT INCLUDED
E3.4.2	9TH-13TH FLOORS - SPECIAL SYSTEMS	NOT INCLUDED
E3.4.4	14TH FLOOR - SPECIAL SYSTEMS	NOT INCLUDED
E3.4.5	15TH FLOOR - SPECIAL SYSTEMS	NOT INCLUDED
E3.4.6	16TH & 17TH FLOOR PENTHOUSES - SPECIAL SYSTEMS	NOT INCLUDED
E3.5	ROOF DECK - SPECIAL SYSTEMS	NOT INCLUDED
E4.1	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.2	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.3	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.4	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.5	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.6	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.7	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.8	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.9	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.10	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.11	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.12	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.14	ENLARGED ELECTRICAL PLANS	INCLUDED
E4.15	ENLARGED ELECTRICAL PLANS	INCLUDED
E5.1	POWER RISER DIAGRAMS SCHEDULES AND NOTES	INCLUDED
E5.2	POWER RISER DIAGRAM PART 1	INCLUDED
E5.3	POWER RISER DIAGRAM PART 2	INCLUDED
E5.4	POWER RISER DIAGRAM PART 3	INCLUDED
E5.5	GROUNDING AND RACEWAY RISER DIAGRAM - TELECOMMUNICATIONS	INCLUDED
E6.1	PANEL SCHEDULES	INCLUDED
E6.2	PANEL SCHEDULES	INCLUDED
E6.3	PANEL SCHEDULES	INCLUDED
E6.4	PANEL SCHEDULES	INCLUDED
E6.5	PANEL SCHEDULES	INCLUDED
E6.6	PANEL SCHEDULES	INCLUDED
E6.7	PANEL SCHEDULES	INCLUDED
E6.8	PANEL SCHEDULES	INCLUDED
E6.9	PANEL SCHEDULES	INCLUDED
E6.10	PANEL SCHEDULES	INCLUDED
E6.11	PANEL SCHEDULES	INCLUDED
E6.12	PANEL SCHEDULES	INCLUDED
E6.13	PANEL SCHEDULES	INCLUDED
E6.14	PANEL SCHEDULES	INCLUDED
E6.15	PANEL SCHEDULES	INCLUDED
E6.16	PANEL SCHEDULES	INCLUDED
E6.17	PANEL SCHEDULES	INCLUDED
E6.18	PANEL SCHEDULES	INCLUDED
E6.19	PANEL SCHEDULES	INCLUDED
E6.20	PANEL SCHEDULES	INCLUDED
E6.21	PANEL SCHEDULES	INCLUDED
E7.1	ELECTRICAL DETAILS	INCLUDED
E7.2	ELECTRICAL DETAILS	INCLUDED
E7.3	ELECTRICAL DETAILS	INCLUDED
E7.4	ELECTRICAL DETAILS	INCLUDED
E7.5	ELECTRICAL DETAILS	INCLUDED

[illegible]

ELECTRICAL SYMBOLS			
NOTES: 1. THIS IS A TYPICAL SCHEDULE, SOME SYMBOLS MAY NOT BE USED. 2. ALL OUTLETS AND ELECTRICAL EQUIPMENT ARE SHOWN APPROXIMATELY LOCATED. 3. FOR ALL MEASUREMENTS USE ARCHITECTURAL PLANS. 4. REGARDING ALL LIGHTING FIXTURES, REFER TO LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.			
SYMBOL		DESCRIPTION	
LIGHTING			
		SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE CONNECTED TO NORMAL BRANCH CIRCUIT	
		SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE WITH BATTERY PACK CONNECTED TO NORMAL BRANCH CIRCUIT AHEAD OF SWITCHING OR CONNECTED TO LIFE SAFETY BRANCH CIRCUIT	
		CEILING MOUNTED, WALL WASHER	
		CEILING OR WALL MOUNTED EXIT SIGN, SHADED AREA INDICATES FACE, ARROWS INDICATE EXIT DIRECTION	
		TRACK LIGHTING, LENGTH AS SHOWN ON DRAWINGS, QUANTITY OF HEADS AS SHOWN ON DRAWINGS	
		EXTERIOR POLE MOUNTED LIGHTING FIXTURE	
		EXTERIOR POLE MOUNTED LIGHTING FIXTURE (WITH DUAL HEADS)	
		EXTERIOR LIGHTING FIXTURE, POST TOP MOUNTED OR BOLLARD	
		EMERGENCY BATTERY PACK UNIT	
		COMBINATION EXIT/ EMERGENCY BATTERY PACK UNIT	
LIGHT FIXTURE MODIFIERS			
Fxx		DESIGNATOR BEGINNING WITH THE LETTER 'F' INDICATES FIXTURE TYPE - SEE SCHEDULE	
a,b,c,d		LOWERCASE LETTER DESIGNATES FIXTURE CONTROL OR SWITCHING GROUP	
EM		EMERGENCY FIXTURE	
NL		NIGHT LIGHT FIXTURE - TO REMAIN ON ALWAYS	
		PHOTOELECTRIC SWITCH	
		DAYLIGHT DIMMING SENSOR	
		MOTION DETECTING AUTOMATIC WALL SWITCH, SINGLE POLE	
		MOTION DETECTING AUTOMATIC WALL SWITCH, DUAL RELAYS FOR SWITCHING TWO LOADS INDEPENDENTLY	
		WALL MOUNTED MOTION SENSOR - LOW VOLTAGE W/ POWER PACK	
		CEILING-CORNER MOUNTED MOTION SENSOR LOW VOLTAGE W/ POWER PACK	
		CEILING MOUNTED MOTION SENSOR - LOW VOLTAGE W/ POWER PACK	
		SINGLE POLE SNAP SWITCH	
		MULTI-POLE LIGHTING CONTACTOR	
		LIGHTING CONTROL PANEL	
SWITCH MODIFIERS			
2	DOUBLE POLE - CENTER OFF	M	MOTOR RATED
3	THREE WAY	LV	LOW VOLTAGE CONTROL SWITCH
4	FOUR WAY	AC	ABOVE COUNTER
K	KEY OPERATED	UC	UNDER COUNTER
P	PILOT LIGHT	D	DIMMER SWITCH
MC	MOMENTARY CONTACT		
		EXISTING UTILITY POLE	
		NEW UTILITY POLE	
		DISTRIBUTION PANELBOARD OR SWITCHBOARD	
		PANELBOARD	
		SPECIAL CABINET	
		MULTI-OUTLET ASSEMBLY	
		GROUND	
		MOTOR	
		COMBINATION MOTOR STARTER & DISCONNECT SWITCH	
		MAGNETIC MOTOR STARTER	
		ENCLOSED CIRCUIT BREAKER	
		DRY-TYPE TRANSFORMER	
		AUTOMATIC TRANSFER SWITCH	

ELECTRICAL SYMBOLS		(CONTINUED)	
SYMBOL		DESCRIPTION	
POWER			
		SAFETY SWITCH	
60/3/40F/N3R		SAFETY SWITCH RATING/POLES/FUSE RATING/NEMA TYPE NF = NON-FUSED	
		JUNCTION BOX WITH COVER, MOUNTED ABOVE CEILING OR FLUSH IN FINISHED CEILING UNLESS INDICATED OTHERWISE. SIZE PER NEC	
		WALL MOUNTED JUNCTION BOX WITH COVER, MOUNTED FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES, UNLESS INDICATED OTHERWISE. SIZE PER NEC	
		SIMPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE	
		SIMPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE CEILING MOUNTED	
		SIMPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE, FLOOR MOUNTED	
		DUPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE	
		DUPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE, CEILING MOUNTED	
		DUPLEX RECEPTACLE 20 AMP, 120V, GROUNDING TYPE, FLOOR MOUNTED	
		QUADRAPLEX RECEPTACLE 20A, 120V, GROUNDING TYPE	
		QUADRAPLEX RECEPTACLE, 20A, 120V, GROUNDING TYPE, CEILING MOUNTED	
		QUADRAPLEX RECEPTACLE, 20A, 120V, GROUNDING TYPE, FLOOR MOUNTED	
		RECEPTACLE & COMMUNICATIONS COMBINATION FLOOR BOX - TYPICAL	
		RECEPTACLE, 250V, GROUNDING TYPE (SUBSCRIPT INDICATES AMPERAGE)	
		RECEPTACLE, 120V, GROUNDING TYPE (SUBSCRIPT INDICATES AMPERAGE)	
		DUPLEX RECEPTACLE, 20 AMP, 120V GFI TYPE (GROUND FAULT INTERRUPTER)	
RECEPTACLE, JUNCTION BOX, AND FIRE ALARM DEVICE MODIFIERS			
AC	ABOVE COUNTER	TV	MOUNTED AT TELEVISION ELEVATION
UC	UNDER COUNTER	U	RECEPTACLE WITH INTEGRAL USB CHARGING PORT
IG	ISOLATED GROUNDING TYPE	MW	MICROWAVE RECEPTACLE
EWC	ELECTRIC WATER COOLER	SD	SINK DISPOSAL
WP	WEATHER PROOF - WET-WHILE-IN-USE	DW	DISHWASHER
##A	DESIGNATES AMPERE RATING REQUIRED	REF	REFRIGERATOR
TR	TAMPER RESISTANT	FSD	FIRE SMOKE DAMPER
HD	ELECTRIC HAND DRYER	DS	DIGITAL SIGNAGE
SD	SIGNAGE DISPLAY		
FIRE ALARM			
		FIRE ALARM CONTROL PANEL	
		FIRE ALARM ANNUNCIATOR PANEL	
		MANUAL PULL STATION	
		SMOKE DETECTOR	
		WALL MOUNTED SMOKE DETECTOR	
		THERMAL / HEAT DETECTOR	
		WALL MOUNTED THERMAL / HEAT DETECTOR	
		DUCT MOUNTED SMOKE DETECTOR	
		CARBON MONOXIDE DETECTOR	
		SMOKE DETECTOR WITH SOUNDER BASE - RESIDENTIAL USE	
		WALL MOUNTED SMOKE DETECTOR WITH SOUNDER BASE	
		SMOKE/CARBON MONOXIDE DETECTOR WITH SOUNDER BASE	
		FIRE/SMOKE AND/OR SMOKE DAMPER WITH LIMIT SWITCH	
 WALL	 CEILING	AUDIBLE/VISUAL NOTIFICATION APPLIANCE (4" SQUARE BOX WITH 2-GANG RING), CANDELA OF STROBE, AS NOTED IN cd.	
 WALL	 CEILING	VISUAL NOTIFICATION APPLIANCE (4" SQUARE BOX WITH 2-GANG RING), CANDELA OF STROBE, AS NOTED IN cd.	
 WALL	 CEILING	AUDIO NOTIFICATION APPLIANCE (4" SQUARE BOX WITH 2-GANG RING).	
		REMOTE INDICATOR	
		MONITOR MODULE	
		POST INDICATOR VALVE	
		MAGNETIC DOOR HOLDER	
		SPRINKLER FLOW SWITCH	
		SPRINKLER TAMPER SWITCH	
		CONTROL MODULE	
 [ARMS]	 [ARRS]	AREA OF REFUGE MASTER / REMOTE STATION	
 [2WM]	 [2WR]	EMERGENCY 2-WAY COMMUNICATION MASTER / REMOTE STATION	
 [GRA]		GENERATOR REMOTE ANNUNCIATOR CONTROL PANEL	

ELECTRICAL SYMBOLS		(CONTINUED)
SYMBOL	DESCRIPTION	
<b><u>RISER/ONLINE DIAGRAM</u></b>		
		METER / METER WITH ENCLOSURE
		CIRCUIT BREAKER
		SWITCH - SINGLE POLE, SINGLE THROW
		SWITCH - SINGLE POLE, DOUBLE THROW
		FUSE
		FUSED SWITCH
		RELAY - NORMALLY OPEN
		RELAY - NORMALLY CLOSED
		PUSH BUTTON - NORMALLY OPEN
		PUSH BUTTON - NORMALLY CLOSED
		GENERATOR
		TRANSFER SWITCH - AUTOMATIC
		MAIN CIRCUIT BREAKER WITH GROUND FAULT PROTECTION
		PRIMARY SWITCH WITH UNIT SUBSTATION
<b><u>CIRCUITRY</u></b>		
		HOMERUN TO PANELBOARD, QUANTITY OF ARROWS INDICATES NUMBER OF CIRCUITS.
		CONDUIT CONCEALED OVERHEAD IN FURRED CEILING, IN CEILING SLAB OR IN WALLS
		CONDUIT EXPOSED
		CONDUIT BELOW GRADE OR CONCEALED IN SLAB
		OVERHEAD WIRING IN CONDUIT - SITE WORK
		UNDERGROUND WIRING IN CONDUIT - SITE WORK
		CONDUIT TURNED UP
		CONDUIT TURNED DOWN
		CONDUIT STUB OUT
1,3 or 1,3,5		GROUPED HOMERUN WITH SHARED NEUTRAL
2/4, 2/4/6		MULTIPOLE HOMERUN, CONDUCTORS AS REQUIRED BY EQUIPMENT
		TICKS MARK: NUMBERS OF HOT WIRE AND ONE NEUTRAL
<b><u>REFERENCE AND NOTE TAGS</u></b>		
		REFERENCE NOTE TAG
		CALL OUT NOTE TAG
		KITCHEN OR SHOP EQUIPMENT TAG
		REVISION REFERENCE

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HARD ROCK

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THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS, AND I AM NOT PROVIDING CONTRACT ADMINISTRATION.

**CERTIFIED CORRECT**



L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED  
PROFESSIONAL ENGINEER

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[illegible]

## INDEX, ABBREVIATIONS, SYMBOLS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E0.1

ELECTRICAL ABBREVIATIONS			
A	AMPERES	LCP	LIGHTING CONTROL PANEL
AC	ABOVE COUNTER	LTC	LIGHTING
AF	AMPERE FUSE	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
AFG	ABOVE FINISHED GRADE	MCM	THOUSAND CIRCULAR MILS
AHJ	AUTHORITY HAVING JURISDICATION	MDS	MAIN DISTRIBUTION SYSTEM
AHU	AIR HANDLING UNIT	MECH	MECHANICAL
ANN	ANNUNCIATOR	MFG	MANUFACTURER
ARCH	ARCHITECT	MLO	MAIN LUGS ONLY
AT	AMPERE TRIP	MTD, MTG	MOUNTED, MOUNTING
ATS	AUTOMATIC TRANSFER SWITCH	MTS	MANUAL TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE	MW	MICROWAVE
BAS	BUILDING AUTOMATION SYSTEM	N	NEUTRAL
BLDG	BUILDING	N/A	NOT APPLICABLE
C	CONDUIT	NC	NORMALLY CLOSED
CATV	COMMUNITY ANTENNA TV	NEC	NATIONAL ELECTRIC CODE - NFPA 70
cd	CANDELA RATING	NF	NON-FUSED
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CCTV	CLOSED CIRCUIT TELEVISION	NL	NIGHT LIGHT
CL	CENTER LINE	NO	NORMALLY OPEN
CLG	CEILING	NTS	NOT TO SCALE
COM, COMM	COMMUNICATIONS	□ , PH	PHASE
CT	CURRENT TRANSFORMER	P	POLE OR PHASE
CU	COPPER	PA	PUBLIC ADDRESS
dB	DECIBEL LEVEL	PB	PULLBOX
DISC	DISCONNECT	PNL	PANEL
DN	DOWN	RECEPT, REC	RECEPTACLE
DW	DISHWASHER	REF	REFRIGERATOR
DWG	DRAWING	SPD	SURGE PROTECTIVE DEVICE
EF	EXHAUST FAN	SPEC	SPECIFICATION
ELEV	ELEVATOR	SPKR	SPEAKER
EM	EMERGENCY	SWBD	SWITCHBOARD
ER	MAIN EQUIPMENT ROOM	SWGR	SWITCHGEAR
EUH	ELECTRIC UNIT HEATER	TCC	TEACHER CONTROL CENTER STATION
EW	ELECTRIC WATER COOLER	TEL	TELEPHONE
EX	EXISTING	TR	TELECOMMUNICATIONS ROOM
FA	FIRE ALARM	TTB	TELECOMMUNICATIONS TERMINAL BOARD
FAA	FIRE ALARM ANNUNCIATOR	TV	TELEVISION
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FCU	FAN COIL UNIT	UC	UNDER COUNTER
FLA	FULL LOAD AMPS	UH	UNIT HEATER
FLR	FLOOR	UON	UNLESS OTHERWISE NOTED
G, GND	GROUND	UPS	UNINTERRUPTIBLE POWER SUPPLY
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER	V	VOLTS
HOA	HAND-OFF-AUTOMATIC	VA	VOLT-AMP
HP	HORSEPOWER	VAV	VARIABLE AIR VOLUME BOX
HWCP	HOT WATER CIRCULATION PUMP	VFD	VARIABLE FREQUENCY DRIVE
IG	ISOLATED GROUND	W	WATTS, WIRES
JB	JUNCTION BOX	W/	WITH
KAIC	THOUSAND AMPERES INTERRUPTION CAPACITY	W/O	WITHOUT
KCM, KCMIL	THOUSAND CIRCULAR MILS	WH	WATER HEATER
KV	KILOVOLT	WAP	WIRELESS ACCESS POINT
KVA	KILO VOLT-AMPERE	WP	WEATHERPROOF
KW	KILO WATT	TRANSF, XFMR	TRANSFORMER
LC	LIGHTING CONTACTOR	XFR	TRANSFER

NOTE: SOME ABBREVIATIONS MAY NOT BE USED.

# CIRCUIT AND TYPE DESIGNATIONS

The diagram is divided into two main sections: the top section for receptacles and the bottom section for light fixtures.

**Top Section: Receptacles**

- CIRCUIT DESIGNATION** points to **1LB-5** and **5**.
- OR** is placed between **1LB-5** and **5**.
- TYPICAL RECEPTACLE OR DEVICE** points to the symbols for 1LB-5 and 5.
- WITHOUT HOMERUNS AND CIRCUITS SHOWN** points to the 1LB-5 symbol.
- WITH HOMERUNS AND CIRCUITS SHOWN** points to the 1LB-5 symbol with a curved line (homerun) connecting it to another 1LB-5 symbol.

**Bottom Section: Light Fixtures**

- CIRCUIT DESIGNATION** points to **1HB-5** and **F2**.
- OR** is placed between **1HB-5** and **F2**.
- FIXTURE TYPE** points to the symbol for 1HB-5.
- TYPICAL LIGHT FIXTURE SWITCH DESIGNATION (IF MORE THAN ONE SWITCH IN ROOM/AREA)** points to the symbol for F2.
- "FIXTURE TYPE APPLICABLE TO ROOM"** points to a dashed box containing two circles.
- ALL F2** is written inside the dashed box.
- OR** is placed between the dashed box and the text **1HB-5**.
- 1HB-5** and **5** are shown below the dashed box.
- CIRCUIT DESIGNATION** points to the dashed box.

TYPICAL MOUNTING HEIGHTS		
THE CONTRACTOR SHALL COORDINATE THE MOUNTING HEIGHT OF ALL FIXTURES, DEVICES, AND OUTLETS WITH ALL DRAWINGS AND THE INTERIOR DESIGNER. DIRECTION FROM THE ARCHITECT OR INTERIOR DESIGNER AND SPECIAL MOUNTING HEIGHTS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THOSE GIVEN BELOW. ALL MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, UNLESS NOTED OTHERWISE.		
LIGHTING FIXTURES INTERIOR	WALL MOUNTED, SCONCE WALL MOUNTED, ABOVE MIRROR WALL MOUNTED, ABOVE DOOR WALL MOUNTED, ABOVE STAIR LANDING IN SOFFIT	6'-0" 0'-8" ABOVE TOP OF MIRROR CENTER BETWEEN FRAME & CEILING 7'-0" (SEE ARCHITECTURAL DETAIL)
EXTERIOR	WALL MOUNTED, BESIDE DOOR STEP MOUNTED WALL MOUNTED, NEAR GRADE WALL MOUNTED, NEAR ROOF	6'-0" (SEE ARCHITECTURAL DETAIL) 8'-0" ABOVE GRADE LEVEL 2'-6" BELOW PARAPET
SWITCHES	WALL SWITCHES WITH DIMMERS MANUAL MOTOR STARTERS	4'-0" 4'-0"
RECEPTACLES	WALL ABOVE COUNTER WITHOUT BACKSPASH ABOVE COUNTER WITH BACKSPASH FOR TELEVISION WALL HUNG SINKS (GFCI) CLOCK	1'-6" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPASH (SAME AS TV OUTLET) 3'-6" 1'-0" BELOW CEILING
MULTIOUTLET RACEWAY	WALL ABOVE COUNTER WITHOUT BACKSPASH ABOVE COUNTER WITH BACKSPASH	3'-0" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPASH
ELECTRICAL EQUIPMENT	SAFETY SWITCH MOTOR STARTER PANELBOARD COMMUNICATIONS CABINET	6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE
FIRE ALARM	MANUAL PULL CHIME, HORN AND/OR STROBE  SMOKE, HEAT DETECTORS CONTROL PANEL, ANNUNCIATOR MAGNETIC DOOR HOLDER	3'-10" 6'-8" OR 0'-6" BELOW CEILING TO BOTTOM OF FIXTURE CEILING 6'-6" TO TOP OF ENCLOSURE 0'-8" DOWN FROM TOP OF DOOR

## GENERAL NOTES

WORK PERFORMED SHALL AT A MINIMUM BE IN ACCORDANCE WITH THE LATEST APPLICABLE EDITION ADOPTED BY THE AUTHORITY HAVING JURISDICTION OF THE STANDARDS LISTED BELOW. WHERE THESE SPECIFICATIONS, PLANS, AND NOTES ARE MORE STRINGENT THAN ADOPTED CODE, THEY SHALL TAKE PRECEDENCE. IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE ARCHITECT AND ENGINEER.

1. THE NATIONAL ELECTRICAL CODE - NFPA 70 2014 EDITION (NEC)
2. ENERGY - CUSTOMER INSTALLATION STANDARDS FOR ELECTRIC SERVICE.
3. NFPA 101 LIFE SAFETY CODE
4. NFPA 72 FIRE ALARM CODE
5. NFPA 90A STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS
6. NFPA 90B STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR CONDITIONING SYSTEMS
7. NFPA 92 & 92A STANDARD FOR SMOKE CONTROL SYSTEMS
8. ASHRAE STANDARD 90.1
9. IBC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
10. ADA STANDARDS FOR ACCESSIBLE DESIGN
  - 10.1. 28 CFR PART 35.151
  - 10.2. ADAAG - AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES
11. ASME A17.1: ELEVATORS, DUMBWATERS, ESCALATORS AND MOVING WALKS
12. APPLICABLE STATE AND LOCAL CODES/ORDINANCES
13. IPCEA - INSULATED POWER CABLE ENGINEERS' ASSOCIATION
14. IES - ILLUMINATING ENGINEERING SOCIETY
15. APPLICABLE HEALTH CODES
16. OSHA 1926 SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION
17. NECA 1 - STANDARD PRACTICE OF GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION
18. INTERNATIONAL BUILDING CODE (IBC)
19. NEW ORLEANS AMENDMENTS TO THE IBC

1. INCLUDE THE COSTS TO INCORPORATE ALL CODES AND ORDINANCES REQUIRED BY ANY AUTHORITY HAVING JURISDICTION ON THE PROJECT INTO THE BASE BID FOR THE PROJECT. NO ADDITIONAL FUNDS WILL BE ALLOCATED FOR WORK TO CONFORM TO REGULATIONS AND REQUIREMENTS AND/OR TO OBTAIN APPROVAL OF WORK.

2. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL.

3. IF A CONFLICT OCCURS BETWEEN DRAWINGS, SPECIFICATIONS, AND/OR NOTES BID THE GREATER QUANTITY AND/OR QUALITY.

4. ELECTRICAL EQUIPMENT AND COMPONENTS SHALL BE LOCATED ABOVE BASE FLOOD ELEVATION OR GRADE ELEVATION, WHICHEVER IS HIGHER, ABIDE BY THE NEW ORLEANS AMENDMENTS TO THE IBC SECTION 2735(A), FEMA GUIDELINES & REGULATIONS, AND THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) GUIDELINES & REGULATIONS.

5. COMPLETELY BOND AND GROUND ENTIRE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE CURRENT NEC ARTICLE 250 IN ITS ENTIRETY.

6. DRAWINGS ARE DIAGMMATICAL. ALL ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE ONLY. FOR ALL MEASUREMENTS, USE ARCHITECTURAL, MECHANICAL OR OTHER RESPECTIVE DIVISION'S PLANS AND FIELD SURVEYS. COORDINATE WITH AIR CONDITIONING WORK, CABINET WORK, PARTITION WORK, ETC., WHEN NEEDED. LAYOUT OF EQUIPMENT, ACCESSORIES, SPECIALTIES, WIRING AND CONDUIT SYSTEMS ARE STRICTLY DIAGRAMMATIC UNLESS SPECIFICALLY DIMENSIONED, AND DO NOT INDICATE EVERY REQUIRED FITTING, ELBOW, TRANSITION, JUNCTION BOX OR SIMILAR ITEMS THAT ARE REQUIRED FOR A COMPLETE INSTALLATION.

7. COORDINATE PHASING AS DIRECTED BY ARCHITECTURAL DRAWINGS AND THE GENERAL CONTRACTOR. MAKE ALL TEMPORARY CONNECTIONS NECESSARY ACCORDING TO ELECTRICAL DEMOLITION NOTES.

8. ARCHITECT BASE DRAWINGS HAVE PREFERENCE. ALL DISCREPANCIES WITH BASE DRAWINGS IN ELECTRICAL SET TO BE CLARIFIED WITH CONTRACTOR, ARCHITECT AND ELECTRICAL ENGINEER.

9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES AND EXACT LOCATION OF ALL FIXTURES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.

10. CONTRACTOR TO COORDINATE ALL CONDUITS AND ELECTRICAL DEVICES/BOXES WITH ARCHITECT AS RELATED TO WALL CONSTRUCTION AND FIRE RATING OF PARTITIONS TYPE PRIOR TO INSTALLATION.

11. PRIOR TO ROUGHING-IN ANY WIRING OR DEVICES, CONFIRM EXACT LOCATIONS WITH ARCHITECT/OWNER.

12. ALL ELECTRICAL DEVICES SHOWN BEING LOCATED IN EXISTING WALLS SHALL BE RECESSED AND NOT SURFACE MOUNTED. WALLS MOVED TO ACCOMMODATE SAID DEVICES SHALL BE PATCHED AFTER INSTALLATION ACCORDING TO ARCHITECTURAL SPECIFICATIONS.

13. COORDINATE ALL RECEPTACLE OUTLETS LOCATED IN MECHANICAL ROOMS OR AREAS WITH ACTUAL MECHANICAL EQUIPMENT LAYOUT AND PIPING PRIOR TO ROUGH-IN. ALL RECEPTACLES TO BE ACCESSIBLE.

14. PROVIDE COMPLETE INSTALLATION, INCLUDING ALL MINOR ITEMS, THIS INCLUDES ELECTRICAL, FIRE ALARM AS WELL AS ANY OTHER SYSTEMS SHOWN IN THESE DRAWINGS. PROVIDE ALL MOUNTING HARDWARE FOR LIGHTING FIXTURES AND OTHER ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE INSTALL.

15. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GENERAL CONTRACTOR ON THE APPLICATION FOR PERMIT AND REMITTANCE OF ALL FEES. IN ADDITION, CONTRACTOR TO PROVIDE FINAL INSPECTION CERTIFICATE.

16. CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK TO UNDERSTAND THE COMPLEXITY, RESTRICTIONS, AND ALL THE REQUIREMENTS TO PERFORM WORK OF THESE DOCUMENTS IN SAID FACILITY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE SUCCESSFUL BIDDER FOR FAILURE TO BE SO INFORMED.

17. CONTRACTOR SHALL CAREFULLY INVESTIGATE STRUCTURAL CONDITIONS, WALL AND CHASE LOCATIONS AND ROOM FINISHES AND MAKE ACTUAL MEASUREMENTS ON THE JOB SO THAT ALL ELECTRICAL EQUIPMENT SUCH AS PANELBOARDS, SWITCHES, RECEPTACLES, LIGHTING FIXTURES, FIRE ALARM STATIONS, HORNS, ANNUNCIATORS, CONDUITS AND ACCESSORIES SHALL HAVE ADEQUATE CLEARANCES AS REQUIRED BY NEC AND BY THE MANUFACTURER'S REQUIRED INSTALLATION PRACTICES. ALL EQUIPMENT SHALL BE CONNECTED IN A WAY THAT ALLOWS AMPLE MAINTENANCE SPACE AND PASSAGE SPACE.

18. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF STORED MATERIALS AND INSTALLED WORK. ALL FIXTURES AND EQUIPMENT SHALL BE TIGHTLY COVERED WITH SHEET POLYETHYLENE OR WATERPROOF TARPULIN AND PROTECTED AGAINST DIRT, RUST, MOISTURE, CHEMICAL AND MECHANICAL INJURY REGARDLESS OF LOCATION. MATERIALS SHALL NOT BE STORED DIRECTLY ON EARTH OR IN AREAS WHERE THEY WILL BE SUBJECT TO PHYSICAL INJURY FROM VEHICLE TRAFFIC OR CONSTRUCTION EQUIPMENT. CONDUIT OPENINGS SHALL BE CAPED OR PLUGGED DURING INSTALLATION. KEEP STOCK OF MATERIAL AND EQUIPMENT STORED ON THE PREMISES IN A NEAT AND ORDERLY MANNER.

19. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SURPLUS MATERIALS OR FOREIGN MATERIAL CAUSED BY THE PERFORMANCE OF ELECTRICAL WORK ON THE PREMISES. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE PREMISES IN A CLEAN CONDITION.

20. NO INSTALLATION WILL BE CONSIDERED COMPLETE UNTIL THE PROPER OPERATION OF ALL ELECTRICAL EQUIPMENT HAS BEEN DEMONSTRATED TO THE SATISFACTORY OF THE OWNER OR ITS AUTHORIZED REPRESENTATIVE. ALSO, ANY RECORD DRAWINGS, BOOKS NECESSARY TO MAINTAIN OR REPLACE ANY CONTRACTOR SUPPLIED MATERIAL SHALL BE COMPILED AND PRESENTED TO THE OWNER IN A FORM SUITABLE FOR REPRODUCTION. PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL INSURE THAT ALL CIRCUITRY IS SHOWN AS WIRED IN THE FIELD AND HAS ACCURATE HOMERUN DESIGNATIONS. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.

## GENERAL NOTES (cont)

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21. ALL TERMINATIONS SHALL BE LISTED FOR 75 DEGREES C UNLESS OTHERWISE NOTED.
22. ALL BRANCH CIRCUITRY INSTALLATION AND LOADING SHALL COMPLY WITH THE NEC.
23. DEFINITIONS:  
OUTLET: A POINT ON THE WIRING SYSTEM AT WHICH CURRENT IS TAKEN TO SUPPLY UTILIZATION EQUIPMENT.  
RECEPTACLE: A CONTACT DEVICE INSTALLED AT THE OUTLET FOR THE CONNECTION OF AN ATTACHMENT PLUG.
24. PROVIDE ARC FAULT CIRCUIT INTERRUPTERS TYPE CIRCUIT BREAKERS FOR DWELLING UNITS FOR ALL 15 AND 20 AMPERE, 120 VOLT, OUTLET CIRCUITS FOR FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS AS PER NEC 210.12.
25. MULTI-WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH A COMMON DISCONNECT AT THE SOURCE. THE DISCONNECT SHALL BE EITHER A MULTI-POLE CIRCUIT BREAKER OR INDIVIDUAL CIRCUIT BREAKERS WITH LISTED HANDLE TIES. ALL CIRCUIT CONDUCTORS OF EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE GROUPED AND TIED TOGETHER IN AT LEAST ONE LOCATION IN THE PANEL. MULTI-WIRE BRANCH CIRCUITS SHALL ONLY SERVE SINGLE POLE LINE-TO-NEUTRAL LOADS.
26. CONDUIT AND TUBING SHALL BE RUN IN STRAIGHT LINES FOLLOWING BUILDING LINES. IN GENERAL BENDS SHALL BE AT 90 DEGREES AND CONDUIT AND TUBING SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS AND OTHER CONDUITS AND TUBING. GROUP CONDUIT WHERE PRACTICAL. GROUPED CONDUITS SHALL BE RUN WITH EQUIDISTANT SPACING (DEPARETE ACCORDING TO NFPA 70 REQUIREMENTS). USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION. THE ENTIRE INSTALLATION SHALL BE DONE IN A NEAT AND WORKMAN LIKE MANNER. ROUTING IN EXPOSED AREAS SHALL BE APPROVED BY THE ARCHITECT.
27. RACEWAYS AND CABLES SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
28. TYPE NM (NONMETALLIC-SHEATHED) CABLE SHALL NOT BE ALLOWED.
29. TYPE MC (METAL-CLAD) CABLE SHALL BE ALLOWED IN GUEST ROOM FOR BRANCH CIRCUITS ONLY.
30. RACEWAYS PENETRATING THROUGH ANY ROOF SHALL HAVE ROOF PITCH POCKETS AND FLASHING WITH CAULKING AND PIPE SLEEVE. INSTALLATION SHALL BE WATERTIGHT. ROOF MOUNTED CONDUIT SYSTEMS SHALL BE INSTALLED ON SYNTHIC RECYCLED RUBBER SUPPORT BASES SPEC'D TO MEET NEC REQUIREMENTS FOR THE SIZE OF THE CONDUIT.
31. PROVIDE CONDUIT SEALING FITTINGS ON THE EXTERIOR SIDE OF THE CONDUIT ENTRIES INTO ALL COOLERS, FREEZERS AND REFRIGERATED SPACES TO PREVENT CONDENSATION FROM FORMING IN ELECTRICAL CONDUITS AT THE THERMAL TRANSITION BOUNDARIES.
32. RACEWAYS AND OUTLETS PASSING THROUGH OR INSTALLED IN FIRE RATED CONSTRUCTION SHALL BE SEALED WITH U.L LISTED FIRE RATED SEALANT SYSTEM IN ACCORDANCE WITH SEALANT MANUFACTURERS' RECOMMENDATIONS. WHERE ELECTRICAL RACEWAYS ARE INSTALLED THROUGH RATED FLOORS OR WALLS, THE CONTRACTOR SHALL PROVIDE APPROPRIATE FIRE RATED DEVICES APPROVED BY ALL REQUIRED LOCAL AUTHORITIES FOR THE INTENDED APPLICATION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
33. MAINTAIN FIRE RATING OF WALLS, FLOORS, AND CEILINGS WHEN PERFORMING WORK AND INSTALLING DEVICES, BOXES, ETC. USE FIRE CAULK, "PUTTY PADS;" AND OTHER APPROVED AND APPROPRIATE METHODS TO MAINTAIN RATING.
34. DEVICES SHALL NOT BE RECESSED INTO THE EXTERIOR MEMBRANE OF EXIT STAIR ENCLOSURES. PENETRATIONS INTO AND OPENINGS THROUGH AN EXIT ENCLOSURE ASSEMBLY SHALL BE LIMITED TO THOSE LISTED PER NFPA 101: 7.1.3.2.1(10).
35. FOR DOOR CONTACT & ACCESS CONTROL HARDWARE, NO EXPOSED CONDUIT SHALL BE RUN. SOME CUTTING AND PATCHING AND/OR UNDER-SLAB CONDUIT RUNS MAY BE REQUIRED. CONTRACTOR SHALL COORDINATE ALL RUNS AS WELL AS CUTTING AND PATCHING METHODOLOGIES WITH ARCHITECT.

BRANCH CONDUCTOR CIRCUITING			
CIRCUIT CONDUCTORS FOR BRANCH CIRCUITS OF 120 VOLTS, MORE THAN 75 FT. LONG, (TO THE FIRST FIXTURE OR OTHER CURRENT-CONSUMING OUTLET), AND OF 277 VOLT, MORE THAN 150 FT. LONG (TO THE FIRST FIXTURE OR OTHER CURRENT-CONSUMING OUTLET) SHALL BE NO. 8-AWG. SEE CHART BELOW FOR ADDITIONAL BRANCH CIRCUIT REQUIREMENTS.			
CIRCUIT BREAKER AMPERE RATING	CONDUCTOR SIZE	GROUNDING CONDUCTOR SIZE	CONDUIT SIZE
15A	#12 AWG	1 #12 AWG	1/2"
20A	#12 AWG	1 #12 AWG	1/2"
25A	#10 AWG	1 #12 AWG	3/4"
30A	#10 AWG	1 #10 AWG	3/4"
35A	#10 AWG	1 #10 AWG	3/4"
40A	#8 AWG	1 #10 AWG	3/4"
45A	#8 AWG	1 #10 AWG	3/4"
50A	#8 AWG	1 #10 AWG	3/4"
60A	#6 AWG	1 #8 AWG	1"
70A	#4 AWG	1 #8 AWG	1"
90A	#3 AWG	1 #8 AWG	1-1/4"
100A	#3 AWG	1 #8 AWG	1-1/4"

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NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

STATE OF LOUISIANA

L.C. ZIMMERMANN

REG. NO. 16249

REGISTERED PROFESSIONAL ENGINEER IN ELECTRICAL ENGINEERING

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

CONSULTING ENGINEER  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1033  
Tel. 504-586-1725  
Moses Job#: 2017-022

# E0.2



## GENERAL NOTES (WIRING METHODS)

1. UNLESS OTHERWISE INDICATED, WIRING FOR ALL SYSTEMS CALLED FOR IN THESE SPECIFICATIONS AND SHOWN ON DRAWINGS SHALL CONSIST OF SINGLE INSULATED INDIVIDUAL CONDUCTORS IN METALLIC RIGID RACEWAY.
2. PROVIDE SEPARATE GREEN EQUIPMENT GROUND CONDUCTOR IN ALL CIRCUITS.
3. 20A SINGLE POLE BRANCH CIRCUITS WITH UNMARKED CONDUCTOR AMOUNTS AND SIZES SHALL DEFAULT TO COPPER 2#12, #12G, 1/2".
4. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED STEEL "THINWALL". EMT FITTINGS SHALL BE STEEL SETSCREW TYPE.
5. FLEXIBLE CONDUIT SHALL BE CONTINUOUS LENGTH SPIRALLY WOUND, GALVANIZED, INTERLOCKING STEEL WITH COMPRESSION FITTINGS, INSULATED-THROAT CONNECTORS AND ANTI-SHORT BUSHINGS. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL HAVE CONTINUOUS PLASTIC COATING AND GLAND-TYPE SEALED FITTINGS.
6. RIGID NON-METALLIC CONDUIT SHALL BE SCHEDULE 40 PVC, NEMA TC 2.
7. THE MINIMUM RACEWAY SIZE SHALL BE 1/2 INCH.
8. KEEP RACEWAYS AND ENCLOSURES PLUGGED AND CAPPED, OR COVERED UNTIL WIRING IS INSTALLED AND FINAL TRIM/COVER IS IN PLACE.
9. FMC SHALL NOT BE EXPOSED TO PHYSICAL DAMAGE. FMC SHALL NOT BE IMBEDDED IN CONCRETE OR EXPOSED TO AGGREGATE. (NEC 330.12 & 348.12)
10. RACEWAYS AND CABLES MUST BE SECURELY FASTED AND SUPPORTED FROM THE STRUCTURE. ZIP TIES CANNOT BE USED TO SUPPORT RACEWAYS OR CABLES; THEY MAY BE USED TO BUNDLE OR HOLD RACEWAYS OR CABLES ONLY. RACEWAYS AND CABLES MUST BE SUPPORTED AND SECURED BY STAPLES, CABLE TIES, STRAPS, HANGERS, OR SIMILAR FITTINGS, UL LISTED FOR THIS PURPOSE. (NEC 300.11)
11. BENDS TO FMC SHALL BE MADE AS TO NOT SIGNIFICANTLY REDUCE THE INTERNAL DIAMETER (NEC 348.24).
12. EMT SHALL BE SUPPORTED IN 10 FT INTERVALS AND FASTENED WITHIN 3 FT OF EVERY TERMINATION POINT (NEC 338.30)
13. MC AND SHALL BE SUPPORTED AT 4.5 FT INTERVALS AND SECURED WITHIN 12 INCHES OF EVERY BOX, CABINET, FITTING OR OTHER CABLE TERMINATION (NEC 348.30)
14. RACEWAYS MUST NOT BE USED AS A MEANS OF SUPPORT FOR OTHER RACEWAYS, CABLES (NEC 300.11)
15. GROUND CONDUITS, BOXES, MOTOR FRAMES, FIXTURE BODIES AND RECEPTACLE GROUND TERMINALS. MAINTAIN GROUND CONTINUITY THROUGH CONDUITS. PROVIDE SEPARATE GROUND CONDUCTORS IN ALL CIRCUITRY.
16. BOXES SHALL BE SIZED PER NFPA 70 AND SUITABLE FOR THE USE INTENDED.

GENERAL NOTES (LIGHTING)
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1. ALL EXIT SIGNS SHALL BE INSTALLED AS PER NFPA. WALL MOUNTED EXIT SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM EDGE OF THE SIGN IS 2" CLEAR OF THE DOOR LINTEL OR FINISHED DOOR TRIM. WHERE WALL MOUNTING AFFECTS FIRE RATING OF THE AREA (SUCH AS STAIR ENCLOSURES), EXIT SIGN SHALL BE CEILING MOUNTED. THE BOTTOM OF THE SIGN MUST BE OUT OF THE EGRESS PATH OR ABOVE THE MINIMUM HEADROOM HEIGHT.
2. ALL ADJUSTABLE FIXTURES SHALL BE LOCATED AND PROPERLY AIMED AS DIRECTED BY THE ARCHITECT OR LIGHTING DESIGNER. ALL AIMING OF EXTERIOR BUILDING LIGHTING SHALL BE PERFORMED BY CONTRACTOR AT NIGHT. ADJUSTABLE SUSPENDED FIXTURES HUNG WITH CHAIN OR CABLE SHALL HAVE SLACK IN THE SUPPORT AVAILABLE TO MOVE THE FIXTURE AS DIRECTED BY ARCHITECT OR LIGHTING DESIGNER.
3. COORDINATE LIGHT FIXTURE LOCATIONS IN MECHANICAL ROOMS WITH ACTUAL EQUIPMENT LAYOUT AND ASSOCIATED DUCTWORK.
4. CONTRACTOR SHALL COORDINATE NUMBER AND LOCATION OF OCCUPANCY/VACANCY SENSORS OF ANY SENSOR USED BY THE CONTRACTOR ON THE PROJECT AS PER MANUFACTURER RECOMMENDATIONS TO ASSURE COVERAGE IN ALL OCCUPABLE AREAS OF ROOMS COVERED.
5. MOUNT ALL OCCUPANCY SENSORS/SWITCHES IN A MANNER THAT DOES NOT OBSTRUCT THE FIELD OF VIEW OF THE DEVICE.
6. DO NOT LOAD LIGHTING BRANCH CIRCUITS MORE THAN 80%.
7. RECESSED FIXTURES IN FIRE RATED CEILINGS AND RETURN AIR PLENUMS SHALL BE RATED FOR THE FIRE RATING OF THE CEILING OR SHALL BE FULLY ENCLOSED IN A FIRE RATED HOUSING ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.

# LIGHTNING PROTECTION SYSTEM NOTES

1. THE LIGHTNING PROTECTION INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES AND STANDARDS, IN PARTICULAR:  
UNDERWRITERS LABORATORIES STANDARD 96A,  
NFPA 780, STANDARD FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEMS.  
UL 96A, STANDARD FOR SAFETY INSTALLATION REQUIREMENTS FOR LIGHTNING PROTECTION SYSTEM  
LIGHTNING PROTECTION INSTITUTE 175, STANDARD FOR THE DESIGN, INSTALLATION, INSPECTION OF LIGHTNING PROTECTION SYSTEMS
2. IN GENERAL MOUNT AIR TERMINALS WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, AND RIDGE ENDS. AIR TERMINAL SHOULD PROJECT 10" ABOVE OBJECT PROTECTED.
3. AIR TERMINALS SHALL BE SPACED NO MORE THAN 20'-0" ALONG THE ROOF PERIMETER.
4. MAINTAIN DOWNWARD AND HORIZONTAL COURSING OF MAIN CONDUCTOR CABLE, NO BEND OF A CONDUCTOR SHALL FORM A FINAL INCLUDED ANGLE OF LESS THAN 90° NOR SHALL HAVE A RADIUS OF LESS THAN 8".
5. INTERCONNECT LIGHTNING PROTECTION GROUND WITH OTHER BUILDING GROUND SYSTEMS AS REQUIRED BY CODES. ELECTRIC SERVICE ENTRANCE GROUNDING SHALL BE INTERCONNECTED TO THE LIGHTNING PROTECTION GROUND CONNECTION SYSTEM.
6. GROUND ELECTRODES SHALL IN NO INSTANCE BE INSTALLED LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. ELECTRODES SHALL PENETRATE EARTH AT LEAST 10'-0".
7. CONNECTIONS TO GROUND ROD SHALL BE MADE AT A POINT NOT LESS THAN 1'-0" BELOW GRADE.
8. GROUND ALL METAL EQUIPMENT/COMPONENTS LOCATED ON THE ROOF, SUCH AS ROOF DRAINS, EXHAUST FANS, LADDERS, CABLE TRAY, ETC., AND ROOF FLASHING. ALL SUCH COMPONENTS TO BE BONDED TO THE LIGHTNING CONDUCTOR SYSTEM, IN PARTICULAR BOND ALL GUTTERS, FLASHING, ETC. TO PREVENT SIDE FLASH.
9. BOND ALL METALLIC PIPES INCLUDING DOMESTIC WATER, FIREWATER, GAS, SEWER, ETC. AT THE SERVICE ENTRANCE TO THE BUILDING, TO THE NEAREST DOWN LEAD.
10. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT, WORKMANLIKE AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND WITH THE GENERAL LINES AND APPEARANCE OF THE BUILDING.
11. IN GENERAL, ALL CONDUCTORS TO BE INTERCONNECTED TO FORM A TWO-WAY PATH FROM EACH AIR TERMINAL HORIZONTALLY OR DOWNWARD TO CONNECTIONS WITH GROUND TERMINALS.
12. ALL LIGHTNING PROTECTION CONDUCTORS SHALL BE ATTACHED WITH A MAXIMUM ATTACHMENT SPACING OF 36".
13. BARE COPPER LIGHTNING PROTECTION MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM SURFACES. CONTRACTOR IS RESPONSIBLE TO ASSURE THAT ALL LIGHTNING PROTECTION MATERIALS ARE COMPATIBLE WITH EACH OTHER AND SURFACES ATTACHED TO.
14. LIGHTNING ARRESTERS TO BE PROVIDED ON ELECTRICAL AND COMMUNICATION SYSTEMS SERVICE ENTRANCE EQUIPMENT.
15. DOWN LEAD CONDUCTORS SHALL NOT BE LOCATED EXPOSED OR ON EXTERIOR OF BUILDING.

## GENERAL NOTES (POWER)

1. INSTALL EQUIPMENT SO THAT CLEAR WORKING SPACE REQUIREMENTS OF THE NEC ARE MET. REFER TO NEC 110.26.
2. PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS ARE TO BE FULLY RATED. - NO SERIES RATED EQUIPMENT IS ALLOWED.
3. ALL FLOOR MOUNTED ELECTRICAL DISTRIBUTION EQUIPMENT SHALL HAVE A 4" HIGH HOUSEKEEPING PAD EXTENDING 4" OUTSIDE THE EQUIPMENT FOOTPRINT IN ALL DIRECTIONS.
4. NO MORE THEN TEN DUPLEX OUTLETS ARE ALLOWED ON A 120V 20A BRANCH CIRCUIT.
5. DO NOT MOUNT OUTLETS BACK TO BACK ON OPPOSITE SIDES OF PARTITIONS.
6. ALL EXTERIOR RECEPTACLES IN WET LOCATIONS SHALL BE LISTED WEATHER-RESISTANT TYPE, BE GFCI PROTECTED, AND HAVE AN ENCLOSURE/COVERPLATE THAT IS WEATHERPROOF (WITH THE ATTACHMENT PLUG CAP INSERTED OR REMOVED).
7. PROVIDE GROUND FAULT CIRCUIT INTERRUPTERS TYPE RECEPTACLES FOR ALL 15 AND 20 AMPERE, 120 VOLT, CONVENIENCE RECEPTACLES IN BATHROOMS, KITCHEN AREAS, ROOF TOPS, EXTERIOR AND WITHIN 6 FOOT OF ALL SINKS. IN DWELLING UNITS PROVIDE GROUND FAULT CIRCUIT INTERRUPTERS TYPE RECEPTACLES FOR ALL 15 AND 20 AMPERE, 120 VOLT, CONVENIENCE RECEPTACLES IN BATHROOMS, OUTLETS ABOVE THE KITCHEN COUNTER, HVAC SERVICE LOCATIONS, OUTDOOR OUTLETS, AND WITHIN 6 FOOT OF ALL SINKS IN NON-KITCHEN AREAS.
8. PROVIDE TAMPER PROOF RECEPTACLES IN ACCORDANCE WITH NEC 406.12 FOR ALL DWELLING UNIT RECEPTACLES EXCEPT FOR THOSE LOCATED IN ATTICS OR THOSE LOCATED MORE THAN 5'-6" AFF.
9. PROVIDE TAMPER PROOF RECEPTACLES IN ACCORDANCE WITH NEC 406.13 FOR ALL GUEST ROOM OR SUITE RECEPTACLES EXCEPT FOR THOSE LOCATED IN ATTICS OR THOSE LOCATED MORE THAN 5'-6" AFF.
10. ALL ELECTRIC DRINKING FOUNTAINS SHALL BE PROTECTED WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION. PROVIDE GFCI TYPE CIRCUIT BREAKERS FEEDING DRINKING FOUNTAINS OR AS INDICATED.
11. VERIFY EXACT LOCATION AND HEIGHT OF JUNCTION BOXES FOR POWER TO HAND DRYERS PRIOR TO ROUGH-IN. REFER ARCHITECTURAL DRAWINGS.
12. FOR ALL ROOFTOP UTILITY RECEPTACLES AND OTHER ELECTRICAL DEVICES MOUNTING, REFER TO ARCHITECTURAL ROOF DETAILS FOR ROOF FLASHING.
13. THESE DRAWINGS HAVE BEEN COORDINATED WITH MECHANICAL AND PLUMBING DRAWINGS. ELECTRICAL CONTRACTOR TO COORDINATE FUSE, CIRCUIT BREAKER, WIRE, CONDUIT, DISCONNECT, ETC. SIZES WITH MANUFACTURERS' RECOMMENDATIONS OF EQUIPMENT AND UNITS ACTUALLY INSTALLED AND MODIFY AS NECESSARY TO ACCOMMODATE.
14. SIZING OF MOTOR-RELATED ELECTRICAL COMPONENTS, INCLUDING FEEDERS, BRANCH CIRCUITS AND OVERCURRENT PROTECTION ARE BASED ON RATINGS INDICATED. VERIFY "ACTUALLY INSTALLED" MOTOR AND APPLIANCE RATINGS AND LOADS AND PROVIDE CORRECTLY SIZED MOTOR-RELATED ELECTRICAL COMPONENTS. REFLECT ALL CHANGES IN THE RECORD DRAWINGS. COORDINATE WITH ELECTRICAL ENGINEER IF NECESSARY.
15. SIZING/SELECTION OF KITCHEN AND SHOP EQUIPMENT WIRING AND ELECTRICAL WORK, INCLUDING FEEDERS, BRANCH CIRCUITS, OVERCURRENT PROTECTION, AND NEMA CONFIGURATION ARE BASED ON RATINGS AND INFORMATION INDICATED. VERIFY "ACTUALLY INSTALLED" APPLIANCE RATINGS AND LOADS AND PROVIDE CORRECTLY SIZED ELECTRICAL COMPONENTS WITH APPROPRIATE NEMA CONFIGURATION. REFLECT ALL CHANGES IN THE RECORD DRAWINGS. COORDINATE WITH ELECTRICAL ENGINEER IF NECESSARY.
16. COORDINATE WITH THE KITCHEN HOOD DESIGNER AND PROVIDE ANY NECESSARY WIRING, CONDUITS, TERMINATIONS, ETC. FOR SENSORS, CONTROLS, COMMUNICATION, ETC. WHETHER SPECIFICALLY SHOWN ON THESE DRAWINGS OR NOT. PROVIDE A COMPLETE AND FULLY OPERATIONAL HOOD SYSTEM UNDER THE BASE BID.
17. COORDINATE AND VERIFY ALL FLOOR PENETRATIONS AND FLOOR RECEPTACLE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS. CONTRACTOR TO PROVIDE COORDINATION DRAWINGS FOR APPROVAL. THESE DRAWINGS SHALL BE SUBMITTED AND REVIEWED BY THE DESIGN TEAM.
18. ALL MECHANICAL CONTROL EQUIPMENT SHALL BE POWERED FROM JUNCTION BOXES PROVIDED IN THE SAME MECHANICAL ROOMS OR AREAS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO POWER ALL CONTROL EQUIPMENT. (INCLUDING BAS SYSTEM).
19. COORDINATE WITH MECHANICAL CONTRACTOR TO PROVIDE 120V FEEDS TO ACTUATED AND INTERLOCKED HVAC DAMPERS FROM GENERAL HOUSE CIRCUIT.
20. PROVIDE ALL REQUIRED MANUAL OR MAGNETIC MOTOR STARTERS, CONTACTORS, OVERCURRENT, AND DISCONNECTION MEANS FOR EQUIPMENT SPECIFIED BY OTHER DISCIPLINES. WHETHER SPECIFICALLY INDICATED ON THESE DRAWINGS OR NOT. DEVICE WILL HAVE APPROPRIATE SIZE, NUMBER OF POLES AND NEMA RATING FOR INTENDED APPLICATION.
21. PROVIDE INTEGRAL CONTROL TRANSFORMERS WITH OVERCURRENT PROTECTION AS REQUIRED FOR MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

## GENERAL NOTES (FIRE ALARM)

1. CONTRACTOR SHALL ENGAGE THE SERVICES OF A LOUISIANA LICENSED FIRE ALARM CONTRACTOR AND/OR MANUFACTURER TO PROVIDE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM APPROVED BY THE AUTHORITY HAVING JURISDICTION UNDER THE BASE BID. CONTRACTOR SHALL BE RESPONSIBLE FOR AND INCLUDE IN BID ALL PLAN REVIEW AND PERMIT FEES, WHICH MAY BE APPLICABLE. COORDINATE WITH FIRE ALARM CONTRACTOR ANY ADDITIONAL DEVICES, OUTLETS OR CONNECTIONS REQUIRED FOR THE FIRE ALARM SYSTEM PRIOR TO BID. CONTRACTOR IS RESPONSIBLE TO ADD ANY ADDITIONAL ITEMS REQUIRED BUT NOT SHOWN ON THE DRAWINGS TO MEET THE AUTHORITY HAVING JURISDICTION REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM WIRING DIAGRAMS INCLUDING BUILDING FLOOR PLANS, SYSTEM COMPONENT SPECIFICATIONS, DEVICE LOCATIONS, ETC. FOR REVIEW AND APPROVAL BY AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR TO INCLUDE THE STATE FIRE MARSHAL'S FIRE ALARM SYSTEM CHECKLIST & FEE SCHEDULE AS PART OF FIRE ALARM SYSTEM SUBMITTAL.
3. NFPA 72:12.4.2.3 THE INSTALLATION OF ALL WIRING, CABLE, AND EQUIPMENT SHALL BE IN ACCORDANCE WITH NFPA 70, NATIONAL ELECTRICAL CODE; AND, SPECIFICALLY WITH ARTICLE 760. CABLES SHALL BE PROTECTED AGAINST MECHANICAL INJURY IN ACCORDANCE WITH ARTICLE 760.
4. FIRE PUMP INSTALLATION SHALL COMPLY WITH NFPA 70 ARTICLE 695, NFPA 20, AND IBC SECTION 913.
5. FIRE COMMAND CENTER SHALL BE IN ACCORDANCE WITH IBC SECTION 911.
6. FIRE ALARM SYSTEM NOTIFICATION AND COMMUNICATION CIRCUITS SHALL MEET THE SURVIVABILITY REQUIREMENTS SHOWN IN THE EMERGENCY COMMUNICATIONS SYSTEM PATHWAY SURVIVABILITY TABLE.
7. STAIRWELL/ELEVATOR PRESSURIZATION FANS CONTROL CIRCUITS AND ASSOCIATED DAMPER CONTROL CIRCUITS SHALL BE LEVEL 2 SURVIVABLE AS DEFINED IN NFPA 72 SECTION 12.4.
8. ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY LINE AND LOW VOLTAGE FEEDS ASSOCIATED WITH THE FIRE ALARM SYSTEM FROM HOUSE POWER DISTRIBUTION TO DUCT DETECTORS, BOOSTER POWER SUPPLIES, FACP, FIRE DAMPERS, SMOKE DAMPERS ETC. WHETHER SPECIFICALLY SHOWN ON THESE DRAWINGS OR NOT. ELECTRICAL CONTRACTOR TO COORDINATE WITH THE FIRE ALARM AND HVAC CONTRACTORS AND PROVIDE THESE FEEDS IN THE BASE BID.
9. WHERE DUCT DETECTORS ARE REQUIRED IN SUPPLY DUCTS, SHOULD DUCT BE DIVIDED PRIOR TO REACHING SIX STRAIGHT DUCT WIDTH DIMENSIONS, ADDITIONAL DUCT DETECTORS SHALL BE INSTALLED.
10. NFPA 72:10.15 IN AREAS NOT CONTINUOUSLY OCCUPIED, AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED FOR EACH FIRE ALARM CONTROL UNIT. NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER, AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION.
11. NFPA 72:17.12.2 WATERFLOW IN SPRINKLER SYSTEMS SHALL BE INDICATED WITHIN 90 SECONDS.
12. NFPA 72:10.7.2 FIRE ALARM SIGNALS SHALL BE DISTINCTIVE IN SOUND FROM OTHER SIGNALS AND THIS SOUND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
13. NFPA 72:10.5.5 CONNECTIONS TO THE LIGHT AND POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT(S). THE CIRCUIT(S) AND CONNECTIONS SHALL BE MECHANICALLY PROTECTED. CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.
- 13.1. NFPA 72:23.4.2 FIRE ALARM CIRCUITS SHALL COMPLY WITH SECTIONS 23.5 THROUGH 23.7.
14. NFPA 72:17.14.4 THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 3.5 FT. AND NOT MORE THAN 4 FT. ABOVE FLOOR LEVEL.
15. NFPA 72:17.1.11 SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL TRADES IS COMPLETE AND FINAL. FAILURE TO COMPLY WITH THIS REQUIREMENT COULD RESULT WITH NUMEROUS FALSE ALARMS AND UNNECESSARY REPLACEMENT COSTS.
16. NFPA 72:17.3.2.1 SIDEWALL MOUNTED SPOT-TYPE DETECTORS SHALL NOT BE LOCATED MORE THAN 12" DOWN FROM THE CEILING TO THE TOP OF THE DETECTOR.
17. LOCATION OF CEILING MOUNTED SMOKE/HEAT DETECTORS SHALL BE FIELD COORDINATED PRIOR TO ROUGH-IN.
- 17.1. THE DETECTOR SHALL BE A MINIMUM OF 2' AWAY FROM LIGHT FIXTURES
- 17.2. NFPA 72:17.4.1 DETECTORS SHALL NOT BE LOCATED WITHIN 3 FT. OF AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
- 17.3. SMOKE DETECTORS SHALL NOT BE LOCATED LESS THAN 36 INCHES FROM CEILING PADDLE FAN BLADES.
18. NFPA 72:18.5.1.1 VISUAL NOTIFICATION APPLIANCES SHALL BE MOUNTED SO THAT THE ENTIRE SPACES AT LEAST 90' AND NOT MORE THAN 96' ABOVE THE FINISHED FLOOR. (MOUNTING IN SLEEPING AREAS SHALL BE IN ACCORDANCE WITH SECTION 18.5.4.6).
- 18.1. A) NFPA 72:18.5.4.3.2 VISIBLE NOTIFICATION DEVICES SHALL FLASH IN SYNCHRONIZATION, WHERE MORE THAN TWO ARE LOCATED WITHIN THE FIELD OF VIEW IN THE SAME ROOM OR ADJACENT SPACE.
19. 101.9.6.3.7 AUDIBLE ALARM INDICATING APPLIANCES SHALL BE EFFECTIVELY HEARD ABOVE THE AVERAGE AMBIENT SOUND LEVEL OCCURRING UNDER NORMAL CONDITIONS OF OCCUPANCY. THE MINIMUM AUDIBLE SOUND LEVEL REQUIRED FOR OCCUPANT NOTIFICATION SHALL BE WITHIN THE MINIMUM AUDIBLE LEVEL REQUIRED BY NFPA 72:7.18.4.3. SEE 72-A.18.4.3 FOR GUIDELINES. ACTUAL AMBIENT SOUND LEVEL MEASUREMENTS SHALL BE USED FOR COMPLIANCE VERIFICATION.
20. WHERE VISUAL NOTIFICATION APPLIANCES OR AUDIBLE/VISUAL NOTIFICATION APPLIANCES ARE LOCATED IN THE CEILING, LOCATE AS CLOSE TO THE CENTER OF THE ROOM AS POSSIBLE. COORDINATE FINAL LOCATION WITH ARCHITECT.
21. NFPA 72:26.6.3.2.1.4 A DIGITAL ALARM COMMUNICATOR TRANSMITTER, SHALL BE CONNECTED TO TWO (2) SEPARATE MEANS OF TRANSMISSION AT THE PROTECTED PREMISES.
- 21.1. NFPA 72:26.6.3.2.1.3 A DIGITAL ALARM COMMUNICATOR TRANSMITTER SHALL BE CAPABLE OF DISCONNECTING AN OUTGOING OR INCOMING TELEPHONE CALL.
22. NFPA 72:10.5.6 PROVIDE BATTERIES WITH SUFFICIENT CAPACITY TO ACCOMMODATE THE CALCULATED LOADS.
23. NFPA 72:10.18.2.3 THE OWNER'S MANUAL, THE INSTALLATION INSTRUCTIONS AND AS-BUILT RECORD DRAWINGS SHALL BE GIVEN TO THE OWNER UPON FINAL ACCEPTANCE OF THE SYSTEM.
24. ALL WIRING ASSOCIATED WITH FIRE ALARM SYSTEM REGARDLESS OF VOLTAGE SHALL BE RUN IN CONDUIT.
25. ALL MAGNETIC DOOR HOLDERS SHALL BE POWERED BY 24-VOLT POWER DERIVED FROM THE FIRE ALARM SYSTEM OR AS COORDINATED BETWEEN THE ELECTRICAL CONTRACTOR AND THE FIRE ALARM CONTRACTOR.

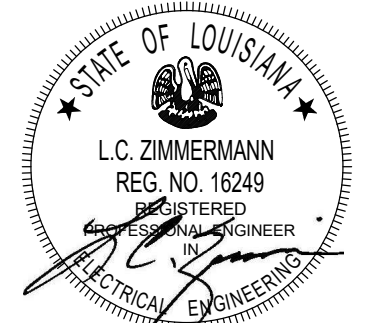
HARD ROCK

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NEW ORLEANS, LOUISIANA

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ELECTRICAL NOTES

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

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# E0.3

GENERAL NOTES - ARCHITECTURAL  
LIGHTING CONTROL SYSTEM

SYSTEM DESCRIPTION:

- EQUIPMENT FOR 120V POWER DIMMING AND SWITCHING SYSTEMS WILL CONSIST OF: DIMMERS, NORMAL POWER MODULES, EMERGENCY POWER RELAYS.
- EQUIPMENT FOR LOW-VOLTAGE CONTROL SYSTEMS WILL CONSIST OF: ARCHITECTURAL CONTROL, PROCESSING UNIT, NETWORK PATCH PANEL, NETWORK SWITCH, BUTTON STATIONS AND NETWORK PORTS.
- SYSTEM WILL ALLOW DISCRETE CONTROL OF EACH CIRCUIT, RECALL PRESETS, AND COMBINE CONTROLS FOR ADJOINING MEETING ROOMS.
- SYSTEM NETWORK PORTS FOR SYSTEM PLUG-IN BE PROVIDED IN EACH AREA.
- ALL STATIONS WILL INCLUDE CUSTOM LABELING.
- PROCESSORS FOR DIMMING PANEL AND RELAY PANEL WILL INCLUDE BATTERY BACKUP FOR BRIEF POWER OUTAGES. ARCHITECTURAL CONTROL PROCESSING AND NETWORK EQUIPMENT WILL BE ON UPS.
- SYSTEM SHALL HAVE NETWORK CAPABLE CONTROL, PROGRAMMING, AND MONITORING, AND PROVIDE REAL TIME FEEDBACK FROM A NETWORKED COMPUTER.
- THE SYSTEM SHALL HAVE THE ABILITY TO PROGRAM AND ACTIVATE GROUPWIDE PRESETS FROM NETWORKED COMPUTER OR HANDHELD DEVICE.

EQUIPMENT:

PRODUCTS MANUFACTURED BY ELECTRONIC THEATRE CONTROLS (ETC) ARE THE BASIS OF DESIGN. EQUAL SYSTEMS MAY BE SUBMITTED FOR APPROVAL PRIOR TO BID.

ETC POWER CONTROL SYSTEM

- SENSOR DIMMING RACKS
  - SR3 SENSOR 3 RACK, MULTI-MODULE, MULTI-CIRCUIT DIMMING RACK
  - ENCLOSURES RATED
  - CEM3 CONTROL MODULE
  - SR3 RIDE THRU CARD
  - D20 DIMMER MODULES
  - AFM MODULES

ECHO RELAY PANELS

- ERPA DMX CONTROLLED, 0-10V DIMMABLE, 20A SINGLE POLE RELAYS
- ERP-RTO RIDE THRU CARD

EMERGENCY ACCESSORIES

- EBDK EMERGENCY BYPASS DETECTION KITS
- SR3-TAP SENSOR3 PHASE BAR FUSE KITS

NETWORK CONTROL EQUIPMENT

- EQUIPMENT RACKS
- NETWORK SWITCHES
- PATCH PANELS
- PATCH CABLES AND CONNECTORS AS NEEDED
- 1000VA RACK MOUNTED UPS (PER RACK)

ARCHITECTURAL CONTROL EQUIPMENT - UNISON PARADIGM CONTROL SYSTEM

- ERN2 RACK MOUNT ENCLOSURE
- PACP PARADIGM ARCHITECTURAL CONTROL PROCESSOR
- PSPM PARADIGM STATION POWER MODULE
- UH1000S - 1 GANG, FLUSH MOUNT, 5 BUTTON CONTROL STATIONS
- PT57 7" TOUCHSCREEN CONTROL STATIONS WITH RECESSED BACKBOX AND CUSTOM GUI

CONTROL WIRE

- FURNISH, INSTALL AND TERMINATE ALL NECESSARY LENGTHS OF CONTROL WIRE RUNS BETWEEN THE LIGHTING FIXTURES, PLUGGING STATIONS, LOCAL CONTROL DEVICES, NETWORK INTERFACES, REMOTE FOCUS UNITS, AND DIMMERS. THE CONTROL WIRE SHALL BE OF THE TYPE AND AMOUNTS ACCEPTABLE TO THE MANUFACTURER.
  - ONE-PIECE WRAP-AROUND CONNECTOR
  - TWO-PIECE (INNER AND OUTER SLEEVE) CONNECTOR
- ALL DIMMING SYSTEM LOW-VOLTAGE CONTROL CABLE THAT IS RUN WITHIN 4 FEET OF DRY-TYPE POWER TRANSFORMERS SHALL BE SHIELDED UTILIZE CRIMP STYLE GROUNDING CONNECTORS TO PROVIDE PERMANENT, SAFE SHIELD TERMINATION ON SHIELDED CABLE USING COPPER GROUNDING WIRE. CRIMP STYLE GROUNDING CONNECTORS FOR SHIELDED CABLE SHALL BE EITHER:
  - ONE-PIECE WRAP-AROUND CONNECTOR
  - TWO-PIECE (INNER AND OUTER SLEEVE) CONNECTOR

GENERAL NOTES - LIGHTING CONTROLS

- UNLESS OTHERWISE NOTED, ALL AREAS SHALL BE PROVIDED WITH OCCUPANCY/VACANCY SENSOR DEVICES FOR AUTOMATIC CONTROL OF LIGHTING.
- PROVIDE OCCUPANCY/VACANCY SENSOR QUANTITY AS REQUIRED FOR FULL COVERAGE OF THE ROOM/AREA THAT THEY CONTROL. COORDINATE LOCATIONS WITH FURNITURE LAYOUTS AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION.

WALL SENSOR SWITCHES MAY BE USED IN ROOMS SMALLER THAN 100 SQ FT IF COVERAGE ALLOWS, OTHERWISE USE CEILING MOUNTED DEVICES. TO AVOID CONFLICTS WITH HVAC DIFFUSERS UTILIZE CEILING-CORNER MOUNT TYPE SENSOR(S) AS MUCH AS CONDITIONS ALLOW IN LIEU OF DEVICES MEANT TO BE INSTALLED IN THE CENTER OF THE ROOM.

- PROVIDE UL924 TRANSFER DEVICES AS APPLICABLE FOR EACH MANUALLY CONTROLLED SWITCHING ZONE THAT HAS FIXTURES ON EMERGENCY POWER. TRANSFER DEVICES SHALL:

- ALLOW FIXTURES TO TRANSFER TO EMERGENCY MODE WHEN THERE IS LOSS OF NORMAL POWER.
- ALLOW EMERGENCY AND NON-EMERGENCY LIGHT FIXTURES TO BE CONTROLLED TOGETHER ON A SINGLE ZONE.

LIGHTING CONTROLS INTENT NARRATIVE

GENERAL:

WHOLE-BUILDING CONTROL EQUIPMENT:

- PROVIDE A CENTRALIZED LIGHT MANAGEMENT AND MONITORING SYSTEM (BASIS OF DESIGN, ETC PARADIGM).
- PROCESSOR PANELS:
  - PROVIDE TWO PROCESSOR HUBS AS INDICATED ON THE PLANS (BASIS OF DESIGN, ETC ARCHITECTURAL CONTROL PROCESSOR) WITH WEB-BASED SOFTWARE FOR REMOTE ACCESS.
- REMOTE PANELS:
  - PROVIDE REMOTE DIMMING PANELS AS NEEDED TO ACCOMMODATE VARIOUS LOAD TYPES IN ACCESSIBLE LOCATIONS PER MANUFACTURERS GUIDELINES AS CLOSE TO DIMMING LOADS AS POSSIBLE.
- EMERGENCY EGRESS:
  - LUMINAIRES CONNECTED TO THE EMERGENCY SYSTEM SHALL NOT OPERATE 24 HOURS IN LOBBIES, LOUNGES, CAFE, BAR, PREFUNCTION, MEETING ROOMS, BALLROOMS, SPA, POOL, OR RESIDENTIAL AMENITIES SPACES. THEY SHALL BE CONNECTED TO ADJACENT ZONES AND SEAMLESSLY CONTROLLED (DIMMED OR SWITCHED) ALONG WITH THE ADJACENT LUMINAIRES.
- HOTEL GUEST ROOM PRESET SCENE CONTROL - APPROVED MANUFACTURERS:
  - CRESTRON
  - IN-COMM
  - LUTRON (MYROOM)

EXTERIOR

ENTRY CANOPIES:

- CANOPY DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
- FLAGPOLE LIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
- UPLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
- PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", AND "LATE NIGHT".
- CANOPY DOWNLIGHTS SHALL REMAIN ON AT ALL TIMES TO BUT SHALL BE DIMMED DURING THE DAY TO ADJUST TO THE RELATIVE AMOUNT OF DAYLIGHT.
- A PHOTOCELL SHALL DETECT WHEN DAYLIGHT ILLUMINATION DROPS BELOW 10 FC DURING STORMS OR VERY CLOUDY WEATHER AND WILL TRIGGER THE "EARLY EVENING" SCENE.

ROOFTOP TERRACE:

- ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 8-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE OUTDOOR BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
- SCENES SHALL BE PROGRAMMED FOR "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "EVENT 1", "EVENT 2", AND "HOLIDAY".
- A PHOTOCELL SHALL DETECT WHEN DAYLIGHT ILLUMINATION DROPS BELOW 10 FC DURING STORMS OR VERY CLOUDY WEATHER AND WILL TRIGGER THE "EARLY EVENING" SCENE.

DISPLAY CASES/STRIKES:

- VITRINE LUMINAIRES SHALL BE ON 24-HOUR OPERATION.
- PROVIDE (2) LOCAL WALLBOX DIMMERS PER VITRINE: (1) WALLBOX DIMMER FOR SIDE LUMINAIRES AND (1) WALLBOX DIMMER FOR TOP LUMINAIRES.

LOADING DOCK SLOTTES:

- LOADING DOCK DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A CENTRAL RELAY PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.

PARKING GARAGE:

- ENTRY SOFFIT DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL. PROVIDE 50 FC DURING DAYTIME HOURS TO ALLOW FOR ACCOMMODATION FROM DAYLIGHT TO PARKING INTERIOR LIGHT LEVELS. PROVIDE 10 FC DURING EVENING HOURS. PROVIDE 5 FC DURING LATE NIGHT HOURS, FADING UP TO 10 FC OVER 3 SECONDS WHEN OCCUPANCY IS DETECTED, THEN DIMMING BACK TO 5 FC WHEN UNOCCUPIED AFTER 5 MINUTES.
- PARKING, AISLE, AND RAMPS: ALL LUMINAIRES SHALL BE ON 24-HOUR OPERATION.
- TERRACES:
  - TERRACE DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.

POOL DECK:

- ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 8-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE OUTDOOR BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
- SCENES SHALL BE PROGRAMMED FOR "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "EVENT 1", "EVENT 2", AND "HOLIDAY".
- A PHOTOCELL SHALL DETECT WHEN DAYLIGHT ILLUMINATION DROPS BELOW 10 FC DURING STORMS OR VERY CLOUDY WEATHER AND WILL TRIGGER THE "EARLY EVENING" SCENE.

FACADE UPLIGHTING:

- UPLIGHTS SHALL BE CONTROLLED BY AN RGBW 4-CHANNEL DMX CONTROLLER LOCATED IN A CENTRALIZED BACK OF HOUSE AREA.
- SCENES SHALL BE PROGRAMMED FOR "WARM WHITE", "COOL WHITE", "GOLD", "AMBER", "PURPLE", "BLUE", "RED", "PINK", "GREEN", "RED AND GREEN", AND "RED WHITE AND BLUE".
- THE DMX CONTROLLER SHALL HAVE A DMX INTERFACE TO TIE INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
- AN EVERYDAY SETTING SHALL BE PROGRAMMED FOR "EARLY EVENING", "LATE EVENING", AND "LATE NIGHT".
- EACH TERRACE SHALL BE PROVIDED WITH A WALLBOX DIMMER TO ALLOW FOR INDIVIDUAL CONTROL OF TERRACE DOWNLIGHTS WHEN DESIRED.

BACK OF HOUSE INTERIORS

VALET OFFICE:

- ALL LUMINAIRES SHALL BE ON 24-HOUR OPERATION.
- VESTIBULES / SERVICE ENTRY / SERVICE LOBBIES / FIRE LOBBIES:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS SET TO DETECT 30 MINUTES OF NO OCCUPANCY. WHEN NO OCCUPANCY IS DETECTED, ALL LUMINAIRES IN A ZONE SHALL REDUCE TO AND REMAIN AT 50% OUTPUT (EITHER DIM ALL FIXTURES TO 50% THROUGH A REMOTE PANEL OR TURN OFF 50% OF THE FIXTURES). WHEN OCCUPANCY IS DETECTED, ALL LUMINAIRES IN A ZONE SHALL ILLUMINATE TO FULL OUTPUT.
- OFFICE:
  - 4-BUTTON LOW-VOLTAGE SWITCH TO DIM/CONTROL LIGHTING WITH THE FOLLOWING BUTTON PRESETS: "HIGH" - 100% LIGHT OUTPUT, "MED" - DIM TO 50% LIGHT OUTPUT, "LOW" - DIM TO 5% LIGHT OUTPUT, "OFF" - TURN LIGHTS OFF. VACANCY SENSOR(S) FOR AUTOMATIC SHUTOFF OF LIGHTING.
- MAIL COPY, RECEPTION, FILING:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS.
- TRAINING ROOM:

- 4-BUTTON LOW-VOLTAGE SWITCH TO DIM/CONTROL LIGHTING WITH THE FOLLOWING BUTTON PRESETS: "HIGH" - 100% LIGHT OUTPUT, "MED" - DIM TO 50% LIGHT OUTPUT, "LOW" - DIM TO 5% LIGHT OUTPUT, "OFF" - TURN LIGHTS OFF. AN OCCUPANCY SENSOR WILL TURN LIGHTS OFF AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED AFTER 10 MINUTES.
- LOCKER ROOMS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS.
- KITCHEN AREAS / EMPLOYEE DINING:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS.
- HOUSEKEEPING / MAINTENANCE / LINEN ROOMS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS.
- INDIVIDUAL RESTROOMS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A SINGLE VACANCY SENSOR.
- LARGE RESTROOMS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS. PROVIDE A MANUAL OVERRIDE SWITCH PER CODE.
- CORRIDORS:
  - GROUPS OF LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS. LUMINAIRES SHALL DIM TO 50% LIGHT OUTPUT WHEN UNOCCUPIED AND SHALL RAMP UP TO FULL OUTPUT UPON SENSING OCCUPANT.
- RESIDENTIAL STORAGE:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY OCCUPANCY SENSORS.
- STORAGE ROOMS / PACKAGING ROOMS / TRASH / JANITORS CLOSETS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A VACANCY SENSOR.
- STAIRS:
  - LUMINAIRES SHALL BE PROVIDED WITH INTEGRAL OCCUPANCY SENSORS. LUMINAIRES SHALL DIM TO 50% LIGHT OUTPUT WHEN UNOCCUPIED AND SHALL RAMP UP TO FULL OUTPUT UPON SENSING OCCUPANT.

HOTEL PUBLIC INTERIORS

HOTEL RECEPTION LOBBY:

- ALL LUMINAIRES SHALL BE CONTROLLED BY AN 8-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE RECEPTION DESK OR IN AN ADJACENT BACK OF HOUSE AREA, ACCESSIBLE TO RECEPTION DESK OCCUPANT, FOR ADJUSTMENTS WHEN NEEDED.
- A SEPARATE LIGHTING ZONE SHALL BE PROVIDED FOR LUMINAIRES ABOVE THE RECEPTION DESK TO ENABLE THE OCCUPANT TO CUSTOMIZE WORKSTATION LIGHT LEVELS.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".
- LOBBY LOUNGE:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".
  - A PHOTOCELL SHALL DETECT WHEN DAYLIGHT ILLUMINATION DROPS BELOW 10 FC DURING STORMS OR VERY CLOUDY WEATHER AND WILL TRIGGER THE "EARLY EVENING" SCENE.
- DISPLAY CASES/STRIKES:
  - UPLIFT BAR LED STRIPS UNDERNEATH BACK BAR TOP SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.

RESTAURANT:

- ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".
- BACKLIT RGBW LED STRIPS AT BAR FACADE SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
- UPLIFT BAR LED STRIPS UNDERNEATH BACK BAR TOP SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
- SURROUNDING TRANSITION AREAS AND CORRIDORS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".

RETAIL:

- ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 8-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER AT THE POINT OF SALE COUNTER OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", AND "LATE NIGHT".
- GUEST ROOM MAIN FLOOR ELEVATOR LOBBY / VESTIBULES:
  - ACCENT LIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - COVE LIGHT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PENDANT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - ACCENT LIGHTS AT ELEVATOR DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - DOWNLIGHTS IN TRANSITION ZONES SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", AND "LATE NIGHT".

RESIDENTIAL LOBBY / VESTIBULE / MAIL ROOM / RESIDENTIAL ELEVATOR LOBBY:

- ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
- PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE RECEPTION DESK OR IN AN ADJACENT BACK OF HOUSE AREA, ACCESSIBLE TO RECEPTION DESK OCCUPANT, FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
- A SEPARATE LIGHTING ZONE SHALL BE PROVIDED FOR LUMINAIRES ABOVE THE RECEPTION DESK TO ENABLE THE OCCUPANT TO CUSTOMIZE WORKSTATION LIGHT LEVELS.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".

BELLMAN:

- ALL LUMINAIRES SHALL BE ON 24-HOUR OPERATION.

- ALL LUMINAIRES SHALL BE ON 24-HOUR OPERATION.
- OFFICE / SAFETY DEPOSIT GUEST:
  - ALL OFFICE LUMINAIRES SHALL BE CONTROLLED BY A VACANCY DIMMER.
  - ALL SAFETY DEPOSIT GUEST AREA LIGHTING SHALL BE CONTROLLED BY A VACANCY DIMMER.
- COATS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A VACANCY DIMMER.
- INDIVIDUAL PUBLIC RESTROOMS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A SINGLE VACANCY SENSOR.
- LARGE PUBLIC RESTROOMS:
  - WALL SCENES SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - ACCENT LIGHTS OVER SINKS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - COVE LIGHT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PENDANT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - WALL GRAZERS AT RESTROOM VESTIBULES SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - DOWNLIGHT AT ENTRY SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - PROVIDE AN OCCUPANCY SENSOR TO TURN OFF LIGHTS WHEN NO OCCUPANCY IS DETECTED AFTER 10 MINUTES. WHEN OCCUPANCY IS DETECTED, THE SENSOR SHALL TURN ON PROGRAMMED SCENES BASED ON TIME OF DAY: 9. SCENES SHALL BE PROGRAMMED FOR "DAY" AND "EVENING".
- PREFUNCTION AREAS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA. EACH ZONE OF LIGHT SHALL BE CAPABLE OF BEING RAISED/LOWERED INDEPENDENTLY BY TRAINED STAFF FOR ADJUSTMENTS ON A DAY TO DAY SETTING FOR EVENT NEEDS.
  - UPLIFT BAR RGBW LED STRIPS UNDERNEATH BACK BAR TOP SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER AT THE BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
  - SCENES SHALL BE PROGRAMMED FOR "DAYTIME", "EVENT 1", "EVENT 2", AND "CLEANING". 5. PROVIDE AV AND DMX INTERFACES.
- BALLROOMS / ADJACENT SERVICE TRANSITION AREAS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA. EACH ZONE OF LIGHT SHALL BE CAPABLE OF BEING RAISED/LOWERED INDEPENDENTLY BY TRAINED STAFF FOR ADJUSTMENTS ON A DAY TO DAY SETTING FOR EVENT NEEDS.
  - BACKLIT DYNAMIC LED STRIPS AT BAR FACADE SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
  - UPLIFT BAR LED STRIPS UNDERNEATH BACK BAR TOP SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
- RESTAURANT:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE BAR OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. A STAFF MEMBER, TRAINED IN OPERATION OF THE LIGHTING CONTROLS, WILL BE ON HAND DURING ALL EVENTS AND GATHERINGS IN ORDER TO EXECUTE ANY DESIRED ADJUSTMENTS TO THE LIGHTING, ACCORDING TO THE OCCUPANT NEEDS AND PREFERENCES.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EARLY EVENING", "LATE EVENING", "LATE NIGHT", "CLEANING", "EVENT", AND "HOLIDAY".
  - BACKLIT RGBW LED STRIPS AT BAR FACADE SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
  - UPLIFT BAR LED STRIPS UNDERNEATH BACK BAR TOP SHALL BE CONTROLLED BY A 2-CHANNEL DMX CONTROLLER.
- SURROUNDING TRANSITION AREAS AND CORRIDORS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (2) 8-SCENE 16-ZONE PRESETS LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (2) REMOTE 5-BUTTON KEYPADS WITH RAISE/LOWER AT THE RECEPTION DESK OR IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - A SEPARATE LIGHTING ZONE SHALL BE PROVIDED FOR LUMINAIRES ABOVE THE RECEPTION DESK TO ENABLE THE OCCUPANT TO CUSTOMIZE WORKSTATION LIGHT LEVELS.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".
- SEATING WAITING AREA:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".
- SPA / FITNESS LOCKER ROOMS:
  - DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - WALL GRAZERS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - WALL GRAZERS IN ADJACENT STORAGE ROOMS SHALL BE CONTROLLED ON THE SAME ZONE FOR VISUAL CONTINUITY.
  - ACCENT LIGHTS OVER SINKS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - COVE LIGHT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PENDANT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - ACCENT LIGHTS AT ELEVATOR DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - DOWNLIGHTS IN TRANSITION ZONES SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - PROVIDE AN OCCUPANCY SENSOR TO TURN OFF LIGHTS WHEN NO OCCUPANCY IS DETECTED AFTER 10 MINUTES. WHEN OCCUPANCY IS DETECTED, THE SENSOR SHALL TURN ON PROGRAMMED SCENES BASED ON TIME OF DAY.
- STEAM ROOMS / SAUNAS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A DIAL TIMER SWITCH WHICH MEETS STEAM ROOM / SAUNA MAXIMUM DURATION RECOMMENDATIONS.
- MANIFIED:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED. SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", AND "CLEANING".
- TREATMENT ROOMS:
  - COVE LIGHTING OR GENERAL LIGHTING SHALL BE CONTROLLED BY A WALLBOX DIMMER NEXT TO THE DOOR.
  - DECORATIVE SCIENCE SHALL BE CONTROLLED BY A WALLBOX DIMMER NEXT TO THE DOOR.
  - TASK LIGHT SHALL BE CONTROLLED BY A WALLBOX DIMMER NEXT TO THE COUNTER.
- FITNESS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.

- PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
- SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".

HOTEL GUEST ROOM FLOORS

- TYPICAL KING GUEST ROOM:
  - A TYPICAL KING GUEST ROOM WILL CONSIST OF THREE CONTROL KEYPADS AND AN ON/OFF SWITCH. ONE KEYPAD WILL BE LOCATED IN THE GUEST ROOM ENTRYWAY. TWO KEYPADS WILL BE LOCATED ON EITHER SIDE OF THE BED, AND ONE ON/OFF SWITCH WILL BE LOCATED IN THE RESTROOM. KEYPAD SCENES SHALL BE AS FOLLOWS:

FRONT ENTRY KEYPAD:

- MASTER ON
- MASTER NIGHT
- PRIVACY/SERVICE
- MASTER OFF

BESIDE KEYPAD:

- FRONT ENTRY
- DESK
- COVE/HEADBOARD
- FLOOR LAMP
- TABLE LAMPS
- RAISE/LOWER

RESTROOM KEYPAD:

- ALL ON
- MAKEUP
- NIGHTLIGHT
- ALL OFF

- TYPICAL DOUBLE QUEEN GUEST ROOM:
  - SAME AS TYPICAL KING GUEST ROOM, EXCEPT TWO BESIDE KEYPADS INSTEAD OF ONE.
- TYPICAL GUEST FLOOR ELEVATOR LOBBY / CORRIDORS / ADJACENT VESTIBULES:
  - DOWNLIGHTS AT ELEVATOR DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - COVE AT ELEVATOR LOBBY SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - GRAZE AT GUESTROOM DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - GENERAL DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING" AND "LATE NIGHT".

RESIDENTIAL FLOORS

- TYPICAL CONDO UNIT (STANDARD):
  - PROVIDE 3-WAY SWITCHES AT EACH END OF THE ENTRY HALL, ALL ENTRIES TO THE KITCHEN, ALL ENTRIES TO THE LIVING ROOM/DINING, ALL ENTRIES TO THE BEDROOM CORRIDOR, AND AT EACH END OF THE SERVICE CORRIDOR TO ILLUMINATE EACH ZONE OF LIGHT SEPARATELY.
  - PROVIDE (1) SWITCH PER ZONE OF LIGHT IN POWDER ROOMS AND BATHROOMS.
  - PROVIDE (1) SWITCH AT BEDROOM DOORS TO CONTROL ONE PLUG LOAD.
  - PROVIDE (1) SWITCH AT WALK-IN CLOSETS AND THE LAUNDRY.
- TYPICAL CONDO UNIT (PREMIUM/UPGRADED):
  - ALL ENTRY/LIVING/DINING/KITCHEN LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA. EACH ZONE OF LIGHT SHALL BE CAPABLE OF BEING RAISED/LOWERED INDEPENDENTLY BY TRAINED STAFF FOR ADJUSTMENTS ON A DAY TO DAY SETTING FOR EVENT NEEDS.
  - SCENES SHALL BE PROGRAMMED FOR "HIGH", "LOW", "PRESENTATION", AND "DAY".
  - PROVIDE AN AV INTERFACE.
- SEATING WAITING AREA:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER AT THE RECEPTION DESK FOR MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - A SEPARATE LIGHTING ZONE SHALL BE PROVIDED FOR LUMINAIRES ABOVE THE RECEPTION DESK TO ENABLE THE OCCUPANT TO CUSTOMIZE WORKSTATION LIGHT LEVELS.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".
- SPA / FITNESS LOCKER ROOMS:
  - DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - WALL GRAZERS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - WALL GRAZERS IN ADJACENT STORAGE ROOMS SHALL BE CONTROLLED ON THE SAME ZONE FOR VISUAL CONTINUITY.
  - ACCENT LIGHTS OVER SINKS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - COVE LIGHT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PENDANT SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - ACCENT LIGHTS AT ELEVATOR DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - DOWNLIGHTS IN TRANSITION ZONES SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
  - PROVIDE A REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED.
  - PROVIDE AN OCCUPANCY SENSOR TO TURN OFF LIGHTS WHEN NO OCCUPANCY IS DETECTED AFTER 10 MINUTES. WHEN OCCUPANCY IS DETECTED, THE SENSOR SHALL TURN ON PROGRAMMED SCENES BASED ON TIME OF DAY.
- STEAM ROOMS / SAUNAS:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY A DIAL TIMER SWITCH WHICH MEETS STEAM ROOM / SAUNA MAXIMUM DURATION RECOMMENDATIONS.
- MANIFIED:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (1) REMOTE 5-BUTTON KEYPAD WITH RAISE/LOWER AT THE ENTRANCE.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".
- TYPICAL AMENITIES SPACE / CLUB ROOM / COMMONS / THEATER:
  - ALL LUMINAIRES SHALL BE CONTROLLED BY (1) 4-SCENE 16-ZONE PRESET LOCATED IN AN ADJACENT OR CENTRALIZED BACK OF HOUSE AREA.
  - PROVIDE (1) 5-BUTTON KEYPAD WITH RAISE/LOWER AT THE ENTRANCE.
  - SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING", "LATE NIGHT", AND "CLEANING".
  - CLUB ROOM ELEVATOR LOBBY / CLUB ROOM BACK CORRIDOR:
    - ACCENT LIGHTS AT ELEVATOR DOORS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
    - ADDITIONAL ACCENT LIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
    - GENERAL DOWNLIGHTS SHALL BE CONTROLLED ON A DIMMABLE ZONE ON A REMOTE PANEL WHICH TIES INTO THE PROCESSOR FOR AUTOMATIC ASTRONOMIC TIMECLOCK CONTROL.
    - PROVIDE A 5-BUTTON KEYPAD WITH RAISE/LOWER IN AN ADJACENT BACK OF HOUSE AREA FOR SCENE PROGRAMMING AND MANAGEMENT ADJUSTMENTS WHEN NEEDED. 5. SCENES SHALL BE PROGRAMMED FOR "DAY", "EVENING" AND "LATE NIGHT".



LIGHTING FIXTURE SCHEDULE							
MARK	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	LAMP		
					WATTS	TYPE	
F1A	AMERLUX		TWO-HEAD RECESSED DOWNLIGHT, ADJUSTABLE	RECESSED	20W PER HEAD	LED, 2700K	
F1B	AMERLUX		THREE-HEAD RECESSED DOWNLIGHT, ADJUSTABLE	RECESSED	20W PER HEAD	LED	
F1C	AMERLUX		FOUR-HEAD RECESSED DOWNLIGHT, ADJUSTABLE	RECESSED	20W PER HEAD	LED	
F2	HALO		MINI-HEAD TRACK LIGHTS WITH BEAM CONTROL ACCESSORIES	SUSPENDED TRACK	15W PER HEAD	LED, 2700K	
F2B	HALO		MINI-HEAD TRACK LIGHTS WITH BEAM CONTROL ACCESSORIES	TRACK	15W PER HEAD	LED, 2700K	
F2D	HALO		MINI-HEAD TRACK LIGHTS WITH BEAM CONTROL ACCESSORIES	SURFACE	15W PER HEAD	LED, 2700K	
F3	CSL		4" RECESSED DOWNLIGHT, 2000 LUMENS, 0-10V DIMMABLE, NARROW DISTRIBUTION	RECESSED	30W	LED, 2700K	
F4	DIODE LED		RGBW LED TAPE LIGHT	SURFACE	6W PER FT	LED, RGBW	
F4A	DIODE LED		RGBW LED TAPE LIGHT	SURFACE	6W PER FT	LED, RGBW	
F4B	DIODE LED		RGBW LED TAPE LIGHT	SURFACE	6W PER FT	LED, RGBW	
F4C	DIODE LED		RGBW LED TAPE LIGHT	SURFACE	6W PER FT	LED, RGBW	
F6	HALO	PD620D010 PDM6A820 61VH	6" APERTURE RECESSED DOWNLIGHT, WIDE BEAM, 2000 LUMENS	RECESSED	20W	LED, 2700K	
F6A	HALO	PD630D010 PDM6A820 61VH	6" APERTURE RECESSED DOWNLIGHT, MEDIUM BEAM, 3000 LUMENS	RECESSED	30W	LED, 2700K	
F7	TRAXON		RGBW LED WALL WASH, HIGH PERFORMANCE	WALL/ARM	10W PER FT	LED, RGBW	
F8	OCL	GLOWSTICK SERIES	NARROW, TALL, LUMINOUS GLASS CYLINDER PENDANT, VARYING HEIGHT	SUSPENDED	8W PER FT	LED, 2700K	
F9	FOCAL POINT		2" RECESSED DOWNLIGHT, ADJUSTABLE 1000 LUMENS, 0-10V DIMMABLE	RECESSED	10W	LED, 2700K	
F9A	FOCAL POINT		2" RECESSED DOWNLIGHT, ADJUSTABLE, 0-10V DIMMABLE, 1000 LUMENS	RECESSED	10W	LED, 2700K	
F10	AMERLUX		CIRCULAR SHAPED SUSPENDED MULTI-HEAD ADJUSTABLE DOWNLIGHTS	SURFACE	20W PER HEAD	LED, 2700K	
F11	TRAXON		RGBW LED WALL WASH, HIGH PERFORMANCE	SURFACE	10W PER FT	LED, RGBW	
F12	DIODE LED	DI-24V-UB30-80(LENGTH AS REQUIRED)	LED TAPE LIGHT, HOUSED IN ALUMINUM CHANNEL W/FROSTED ACRYLIC LENS WITH POWER SUPPLY	SURFACE	4W PER FT	LED, 2700K	
F13	BARRON		BORDER TUBE (RUNNING ALONG SPIRAL STAIRCASE)	SURFACE	4W PER FT	LED, 2700K	
F18	HALO	SMD4056835WH	4" SURFACE DOWNLIGHT	SURFACE	15W	LED, 3500K	
F19	CHAUVEUT STAGE		RGBW LED FLOOD LIGHT, PIPE BATTEN CLAMP	PIPE BATTEN	50W PER HEAD	LED, RGBW	
F22	METALUX	22CZ-LD4-39-UNV-L835-CD1-U	2X2" VOLUMETRIC LED TROFFER, 0-10V DIMMING DRIVER	RECESSED	30W	LED	
F23	METALUX	24CZ-LD4-50-UNV-L835-CD1-U	2X4" VOLUMETRIC LED TROFFER, 0-10V DIMMING DRIVER	RECESSED	50W	LED, 3500K	
F24	METALUX	24GRLED SERIES	2X4" LENSED TROFFER, FROSTED ACRYLIC LENS, ALUMINUM HINGED DOOR FRAME RECESSED, FULLY GASKETED, DIMMABLE	RECESSED	50W	LED, 3500K	
F24A	METALUX	24CZ-LD4-39-UNV-L835-CD1-U	2X4" VOLUMETRIC LED TROFFER, 0-10V DIMMING DRIVER	RECESSED	50W	LED, 3500K	
F26	METALUX	24GRLED SERIES	2X4" LENSED TROFFER, FROSTED ACRYLIC LENS, ALUMINUM HINGED DOOR FRAME RECESSED, DIMMABLE	RECESSED	50W	LED, 3500K	
F27	METALUMEN	RMPF SERIES	6" LINEAR LED SUSPENDED FIXTURE, DIRECT/INDIRECT DISTR, EXTRUDED ALUMINUM BODY, LOW GLARE LENS	SUSPENDED	70W	LED, 3500K	
F27A	METALUMEN	RMPF SERIES	8" LINEAR LED SUSPENDED FIXTURE, DIRECT/INDIRECT DISTR, EXTRUDED ALUMINUM BODY, LOW GLARE LENS	SUSPENDED	90W	LED, 3500K	
F27B	METALUMEN	RMPF SERIES	10" LINEAR LED SUSPENDED FIXTURE, DIRECT/INDIRECT DISTR, EXTRUDED ALUMINUM BODY, LOW GLARE LENS, OCCUPANCY SENSOR, INTEGRAL BATTER PACK	SUSPENDED	120W	LED, 3500K	
F28	METALUMEN	RAIL SERIES	8" LINEAR LED SUSPENDED FIXTURE, DIRECT/INDIRECT DISTR, EXTRUDED ALUMINUM BODY, LOW GLARE LENS, OCCUPANCY SENSOR, INTEGRAL BATTER PACK	SUSPENDED	90W	LED, 3500K	
F30	MCGRRAW EDISON	TOP TIER SERIES	LOW PROFILE SURFACE GARAGE/CANOPY LOWBAY FIXTURE, DIE-CAST ALUM CONSTRUCTION, POWDERCOAT FINISH	SURFACE	40W	LED, 3500K	
F30A	MCGRRAW EDISON	TOP TIER SERIES	LOW PROFILE SURFACE GARAGE/CANOPY LOWBAY FIXTURE, DIE-CAST ALUM CONSTRUCTION, POWDERCOAT FINISH	SURFACE	50W	LED, 3500K	
F30B	MCGRRAW EDISON	TOP TIER SERIES	LOW PROFILE SURFACE GARAGE/CANOPY LOWBAY FIXTURE, DIE-CAST ALUM CONSTRUCTION, POWDERCOAT FINISH	SURFACE	60W	LED, 3500K	
F32	METALUX	4VT2-LD4-4-FR50-UNV-L835-CD1-WL-U	4" VAPORTITE, FIBERGLASS HOUSING, FROSTED LENS	SURFACE/ SUSPENDED	40W	LED, 3500K	
F34	METALUX	4SNLED-LD5-41SL-LW-UNV-L835-CD1-U-AYC-C HAIN/SET	4" LENSED LED STRIP, STEEL CONSTRUCTION, PAINTED WHITE ENAMEL FINISH, FROSTED LENS, CHAINSET	SURFACE/ SUSPENDED	40W	LED, 3500K	
F35	METALUX	8TSNLED-LD4-95SL-LW-UNV-L835-CD1-U-AYC-C HAIN/SET	8" LENSED LED STRIP, STEEL CONSTRUCTION, PAINTED WHITE ENAMEL FINISH, FROSTED LENS	SURFACE/ SUSPENDED	80W	LED, 3500K	
F36	METALUX	8VT2-LD4-4-FR50-UNV-L835-CD1-WL-U	8" VAPORTITE, FIBERGLASS HOUSING, FROSTED LENS	SURFACE/ SUSPENDED	80W	LED, 3500K	
F40	TRACE LITE	T804LED	LED VAPOR TIGHT, DIE CAST WITH GLASS GLOBE/JAR CAGE PROTECTED	WALL	10W	LED, 3500K	
F41	OCL		4"APERTURE CYLINDER MINI-PENDANT	RECESSED	15W	LED, 3500K	
F42			ARCHITECTURAL WALL SCONCE (ROOF DECK), WET LISTED	WALL	20W	LED, 2700K	
F43	PRIMUS	ALX3-FRL-LED-L-2700K-UNV-SK36-SEB-W-6"	6" LED MICROSTRIP THIN LINEAR FIXTURE WITH EXTRUDED ALUMINUM BODY, INTEGRAL DRIVER, AIRCRAFT CABLE SUSPENDED, FROSTED/OPAL ACRYLIC LENS	SUSPENDED	30W	LED, 2700K	
F45			BOLLARD LIGHT (ROOF TERRACE)	PEDESTAL	15W	LED, 2700K	
F46	MCRAW EDISON	[SC-E02-LED-E1-BL4-[FINISH]	LED EXTERIOR HALF-CYLINDER WALL-PACK	WALL	50W	LED, 2700K	
F58			2" WIDE RECESSED LINEAR EXTRUDED ALUMINUM FIXTURE, WHITE FLANGE, LOW-GLARE OPAL LENS (LENGTHS AS INDICATED ON DRAWINGS)	RECESSED	10W PER FT	LED, 3000K	

[illegible]

HARD ROCK

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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

THESE PLANS AND SPECIFICATIONS HAVE  
BEEN PREPARED BY ME OR UNDER MY  
CLOSE PERSONAL SUPERVISION AND TO  
THE BEST OF MY KNOWLEDGE AND  
BELIEF THEY COMPLY WITH ALL CITY,  
STATE AND FEDERAL REQUIREMENTS, AND  
I AM NOT PROVIDING CONTRACT  
ADMINISTRATION.

CERTIFIED CORRECT

STATE OF LOUISIANA

L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED  
ELECTRICAL ENGINEER  
JULY 1978

MISSISSIPPI

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# E0.5

1. PROVIDE HIGH PERFORMANCE RGBW LED WALL-WASH LUMINAIRES (TRAXON OR APPROVED EQUAL) AS REQUIRED FOR COMPLETE COVERAGE OF EXTERIOR BUILDING FACADE. PLANS TO BE DEVELOPED AS DESIGN DEVELOPS. PROVIDE POWER BRANCH CIRCUITS AND DMX SIGNAL/CONTROL WIRING AS APPLICABLE TO ARCHITECTURAL LIGHTING CONTROL EQUIPMENT LOCATED ON 2ND FLOOR. PROVIDE A MINIMUM OF TWENTY (20) 277V BRANCH CIRCUITS. EXTERIOR LIGHTING BRANCH CIRCUITS SHALL BE #10AWG MINIMUM.

1 3-WAY SWITCH AND LIGHTING FIXTURE IN ELEVATOR PIT. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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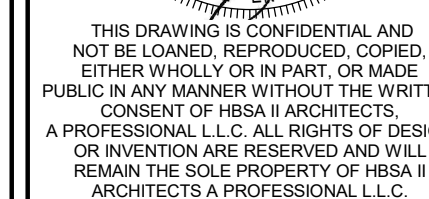
PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

SCALE: 3/32" = 1'-0"

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

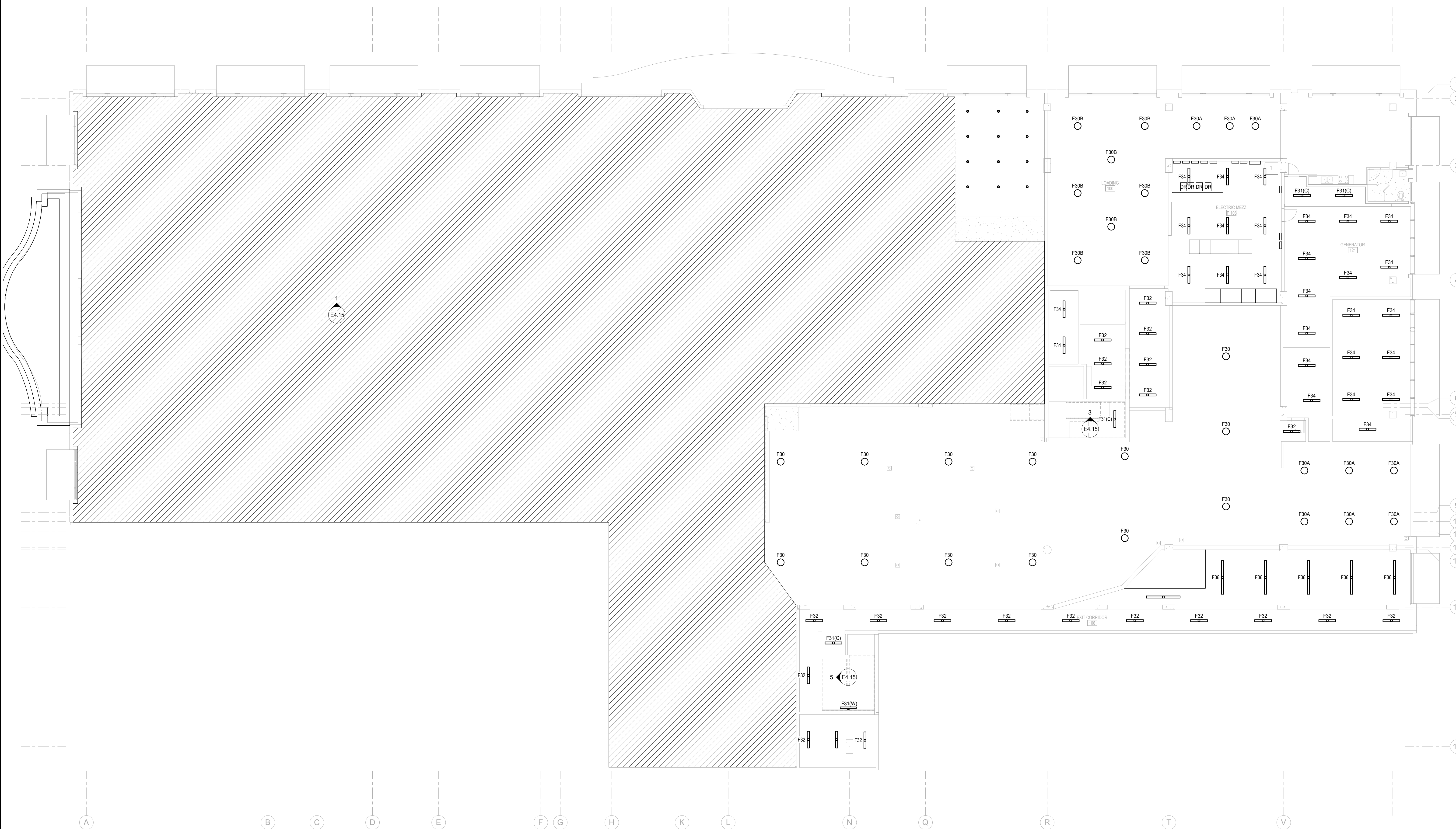


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INTERMEDIATE PARKING LIGHTING

PROJECT#: 1709  
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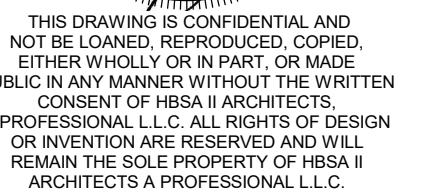
## 1 INTERMEDIATE PARKING - LIGHTING

SCALE: 3/32" = 1'-0"

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

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2ND FLOOR - LIGHTING

## E1.2.1



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Moses Job#: 2017-022



SHEET REFERENCE NOTES

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

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NEW ORLEANS, LOUISIANA

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS, AND I AM NOT PROVIDING CONTRACT ADMINISTRATION.

CERTIFIED CORRECT

STATE OF LOUISIANA  
L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL ENGINEERING

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REVISION HISTORY				

2ND FLOOR MEZZANINE - LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

E1.2.3



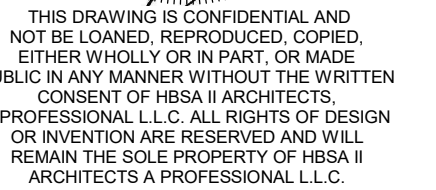
1 2ND FLOOR MEZZANINE - LIGHTING  
SCALE: 3/32" = 1'-0"

**MOSES ENGINEERS**  
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

**CERTIFIED CORRECT**

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

# 1 3RD FLOOR ACCESSIBLE PARKING - LIGHTING

**MOSES**  
ENGINEERS





**1 4TH FLOOR PARKING - LIGHTING**  
SCALE: 3/32" = 1'-0"

**SHEET REFERENCE NOTES**

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

**HB SA II**  
HARRY BAKER SMITH ARCHITECTS II P L L C  
189 Maple Ridge Drive Metairie, LA 70001  
(504)885-4477  
central@hbsaii.com hbsaii.com  
SINCE 1961

**HARD ROCK**  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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CERTIFIED CORRECT

STATE OF LOUISIANA  
L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED PROFESSIONAL ENGINEER  
ELECTRICAL ENGINEERING

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REVISION HISTORY				

4TH FLOOR PARKING - LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

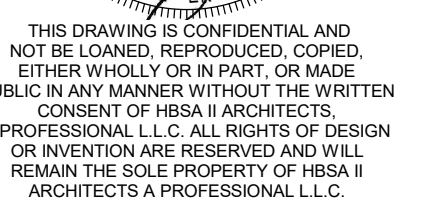
**MOSES ENGINEERS**  
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

**E1.3.1**

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E1.3.2

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

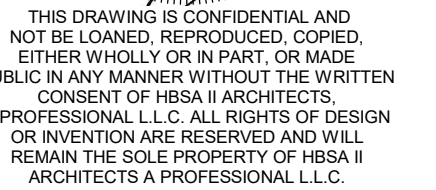
# 1 5TH FLOOR PARKING - LIGHTING



1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT



6TH FLOOR PARKING -  
LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### E1.3.3

# 1 6TH FLOOR PARKING - LIGHTING

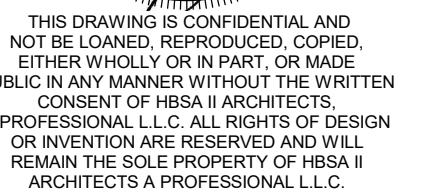
SCALE: 3/32" = 1'-0"

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

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HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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7TH FLOOR PARKING -  
LIGHTING

### E1.3.4

# 1 7TH FLOOR PARKING - LIGHTING

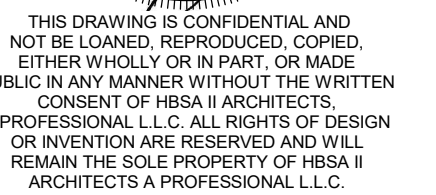
SCALE: 3/32" = 1'-0"

CONSULTING ENGINEERS  
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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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8TH FLOOR - LIGHTING

## E1.4



CONSULTING ENGINEERS  
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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022



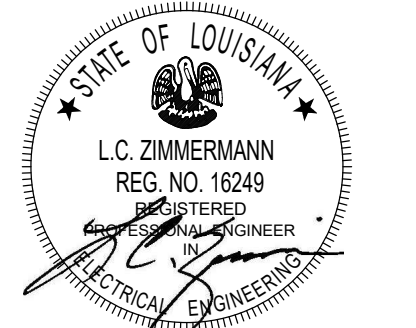
1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

**HB SA II**  
HARRY BAKER SMITH  
ARCHITECTS II  
**P L L C**  
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central@hbsai.com    hbsai.com  
SINCE 1961

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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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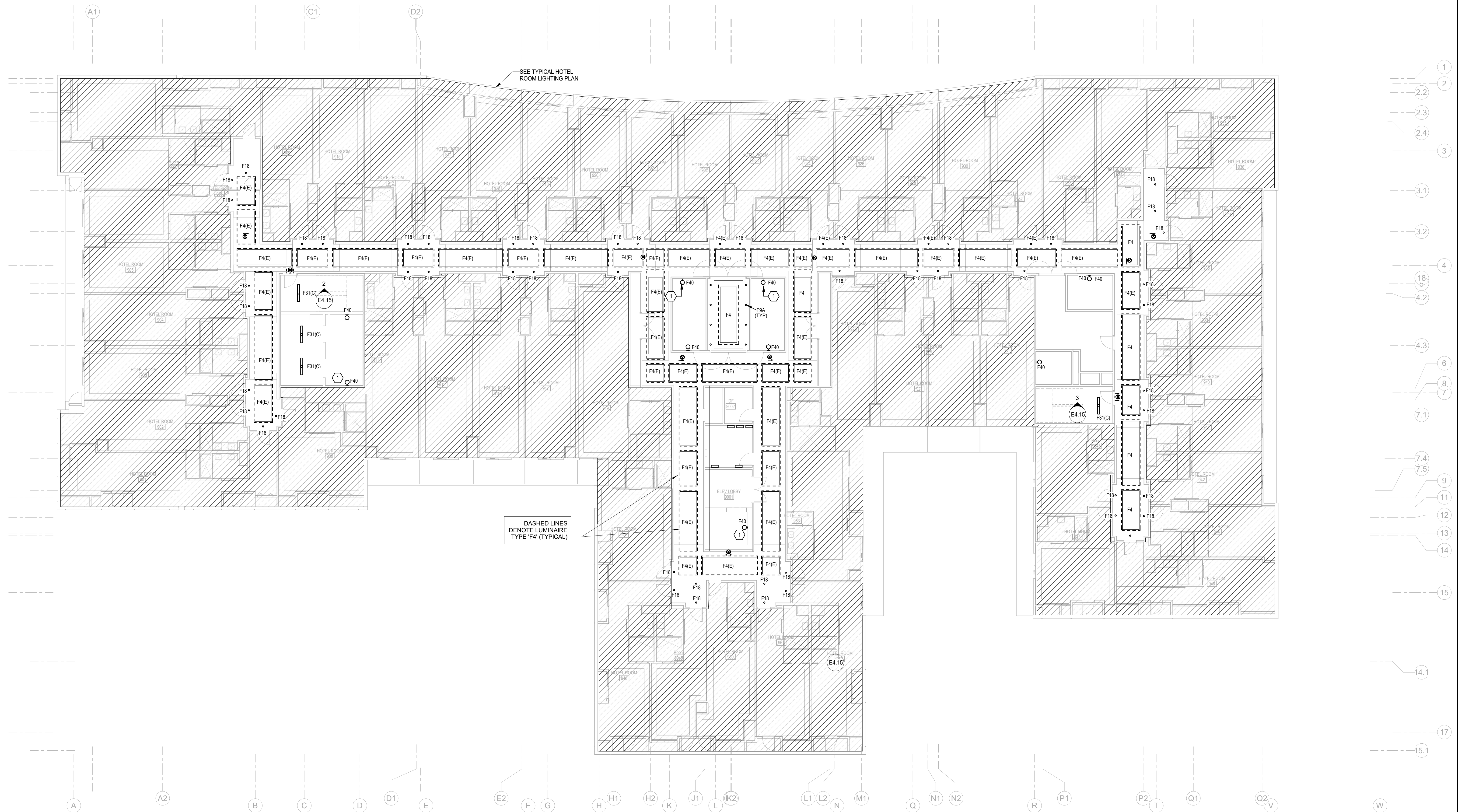
## 9TH FLOORS - LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

MOSES  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

### E1.4.1



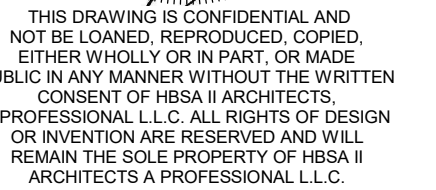
# 1 9TH FLOOR HOTEL - LIGHTING

SCALE: 3/32" = 1'-0"

1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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10TH-12TH FLOORS -  
LIGHTING

## E1.4.2



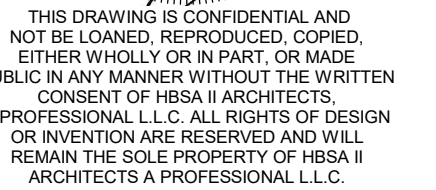
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022



1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

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1031 CANAL STREET  
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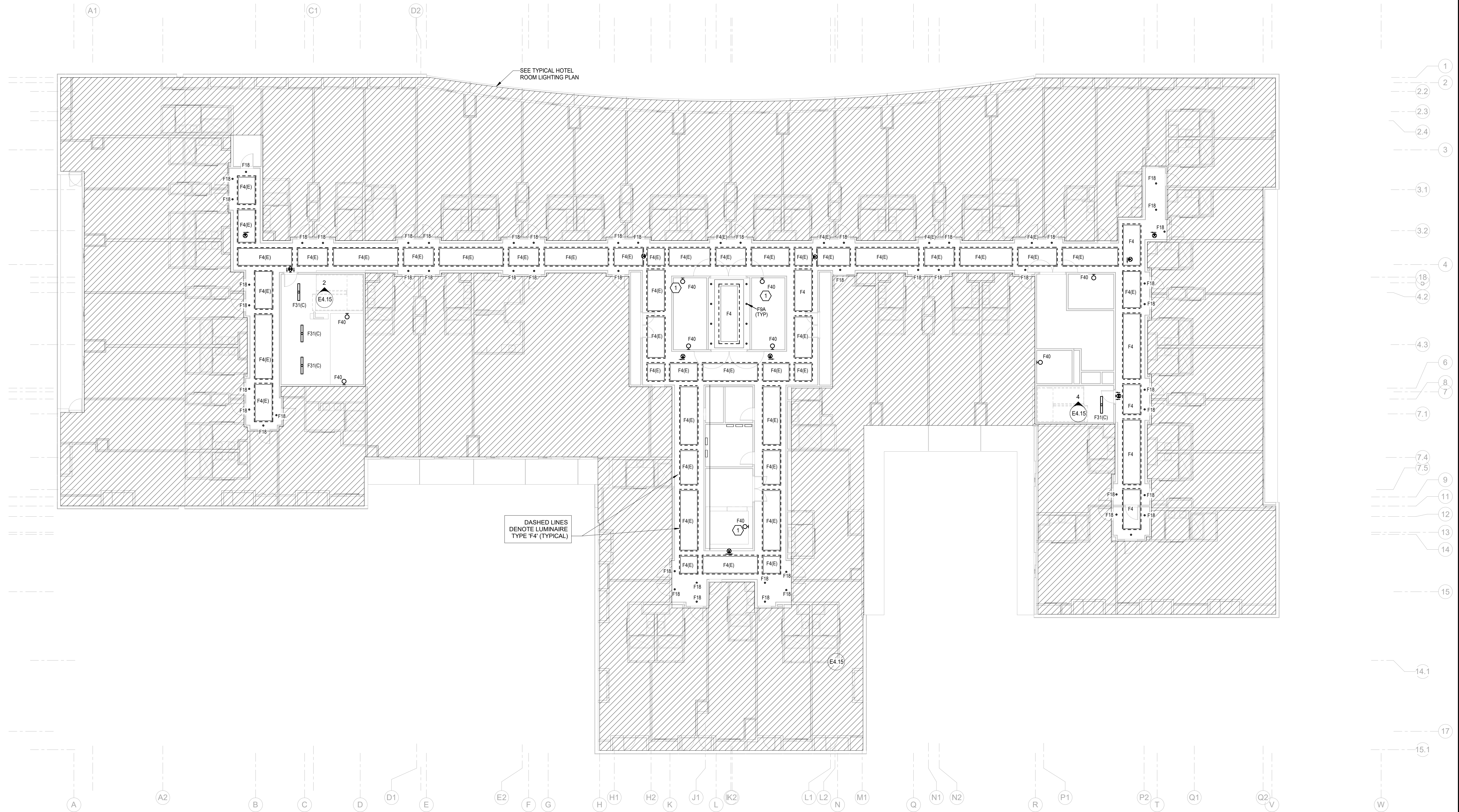
**CERTIFIED CORRECT**

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

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Tel. 504-586-1725  
Moses Job#: 2017-022

### E1.4.3



# 1 13TH FLOOR HOTEL - LIGHTING



2 3-WAY SWITCH AND LIGHTING FIXTURE AT TOP  
OF ELEVATOR SHAFT. COORDINATE WITH  
ELEVATOR VENDOR FOR LOCATION, MOUNTING  
REQUIREMENTS, ETC. ADJUST WORK  
ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

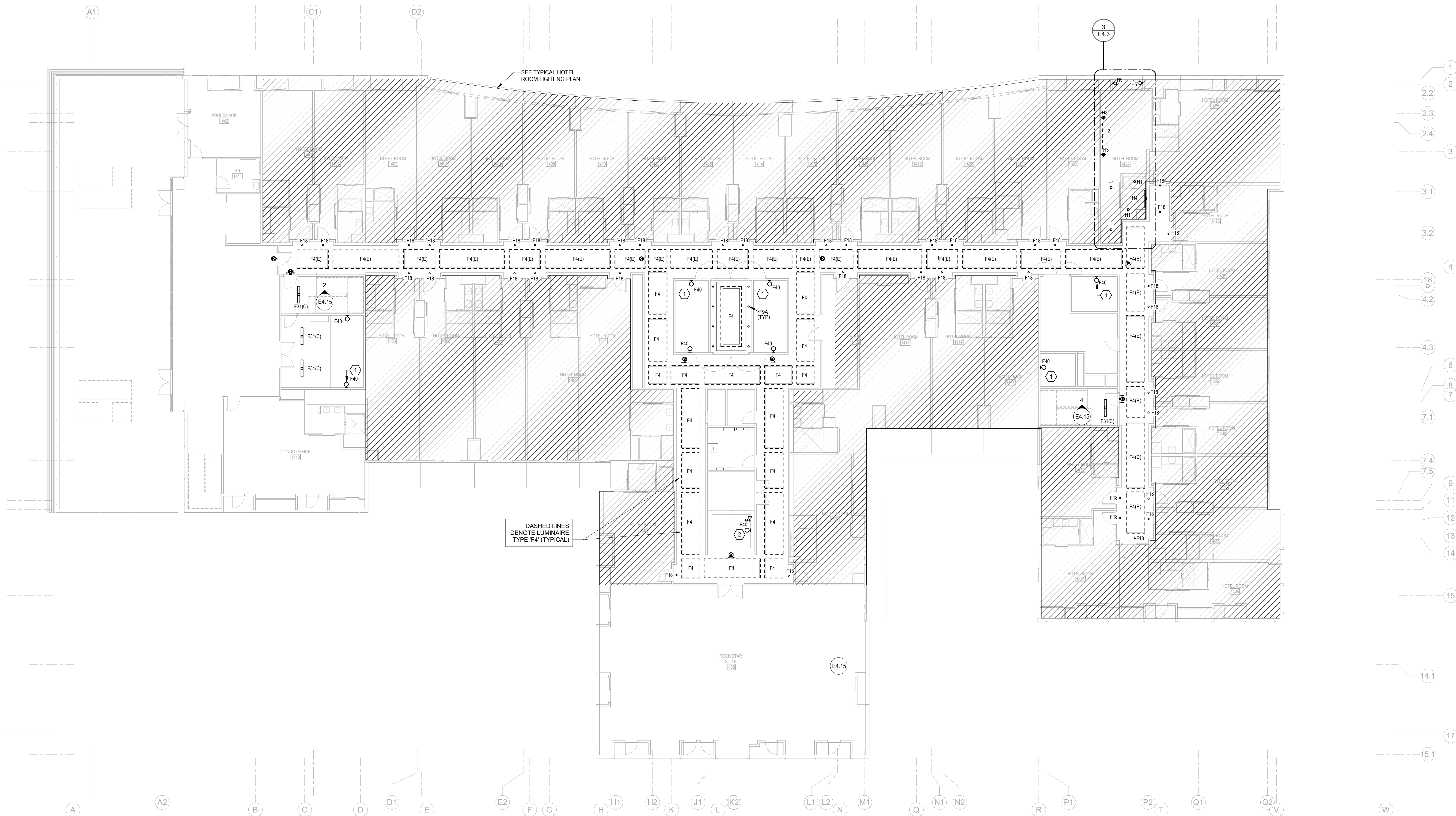
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[illegible]

PROJECT#: 1709  
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TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job# 2017-022

### E1.4.4



SCALE: 3/32" = 1'-0"

- SHEET REFERENCE NOTES**
- 1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.
  - 2 3-WAY SWITCH AND LIGHTING FIXTURE AT TOP OF ELEVATOR SHAFT. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

**HB SA II**  
HARRY BAKER SMITH ARCHITECTS II P L L C  
189 Maple Ridge Drive Metairie, LA 70001  
(504)885-4477  
central@hbsaii.com hbsaii.com  
SINCE 1961

**HARD ROCK**  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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CERTIFIED CORRECT

STATE OF LOUISIANA  
L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED PROFESSIONAL ENGINEER  
ELECTRICAL ENGINEERING

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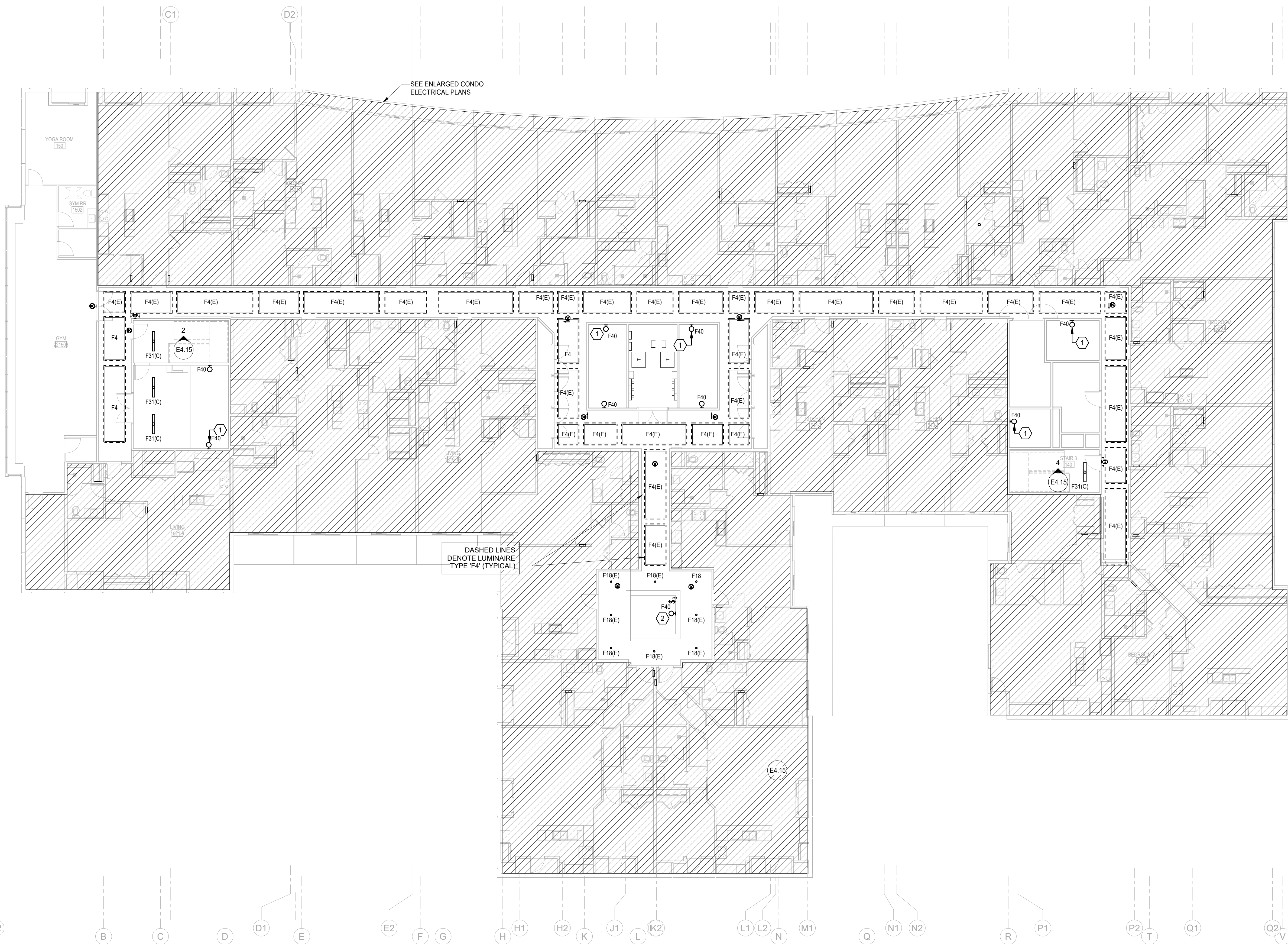
REVISION HISTORY				

15TH FLOOR - LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

**MOSES ENGINEERS**  
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

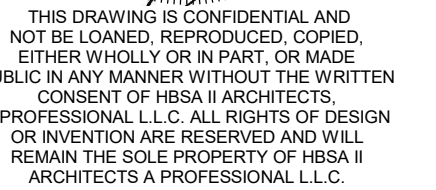
**E1.4.5**



1 PROVIDE LIGHT FIXTURE IN THE ELEVATOR SHAFT FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E1.4.6

**CONSULTING ENGINEERS**  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

# 1 16TH & 17TH FLOOR PENTHOUSE - LIGHTING

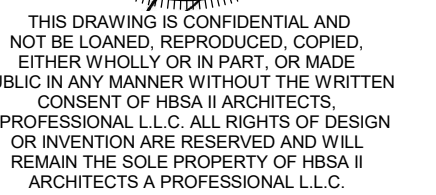
**MOSES**  
ENGINEERS



1 3-WAY SWITCH AND LIGHTING FIXTURE AT TOP OF ELEVATOR SHAFT. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

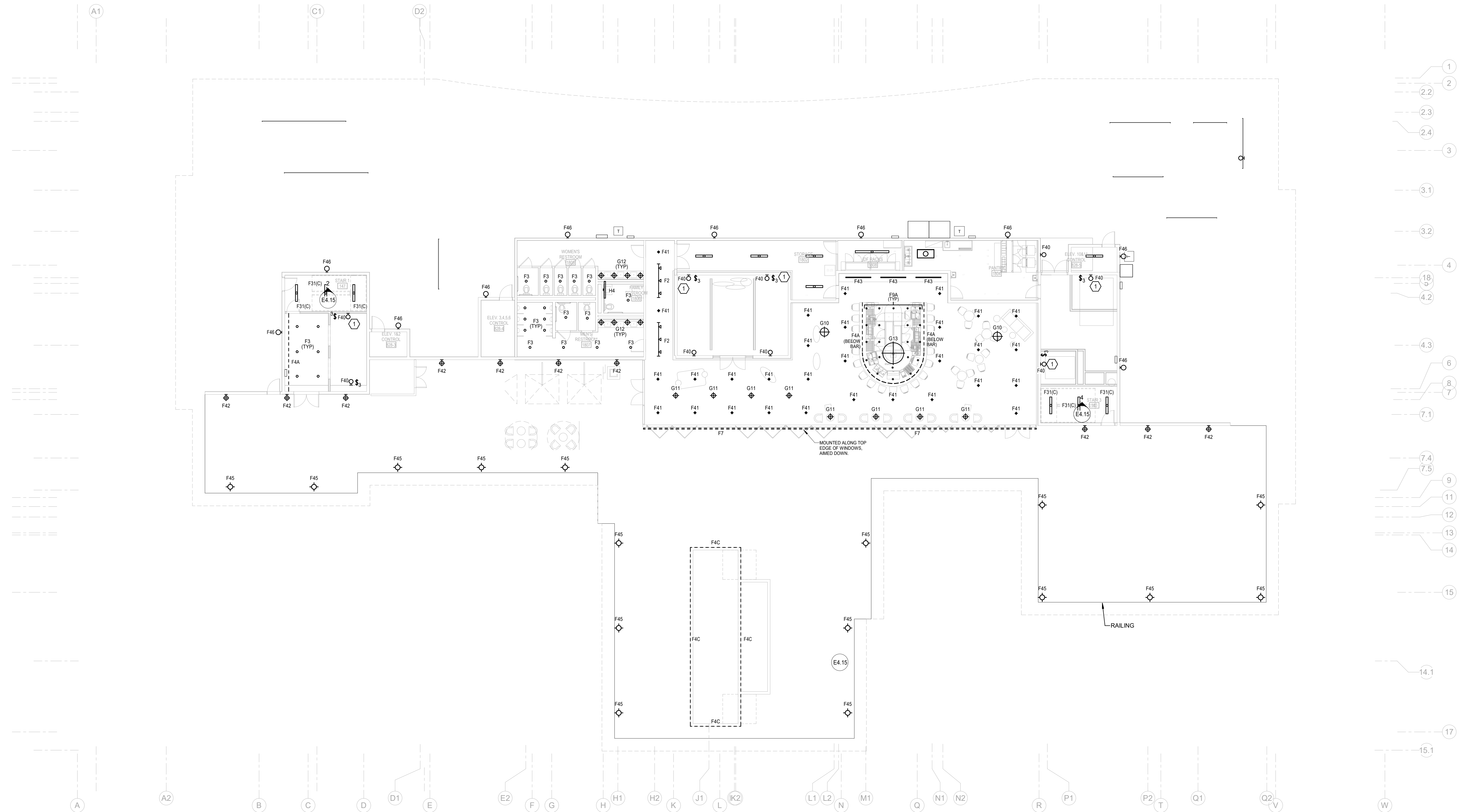


## 8TH FLOOR PENTHOUSE - LIGHTING

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

## E1.5



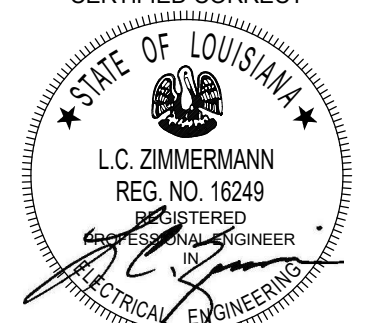
# 1 18TH FLOOR ROOF DECK - LIGHTING



HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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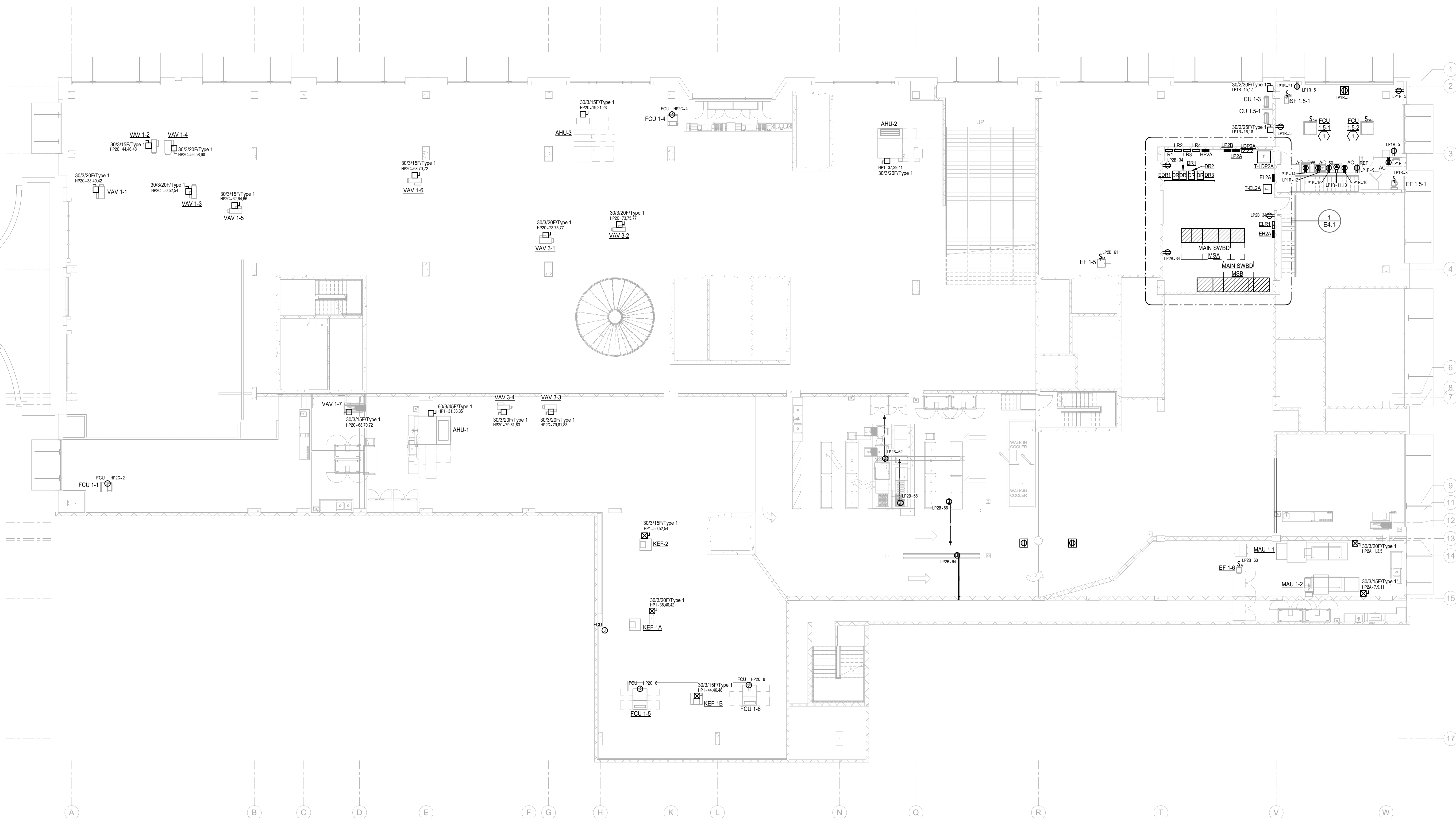
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[illegible]

INTERMEDIATE PARKING -  
POWER & IT

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2014

## E2.2



# 1 INTERMEDIATE PARKING - POWER & IT

SCALE: 3/32" = 1'-0"

MOSES  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022



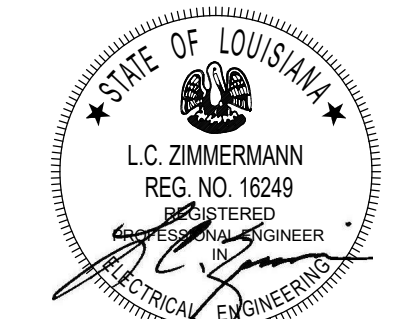
2 PROVIDE SIX (6) 120V/1P CIRCUITS FROM PANEL 'LP2A' FOR AV EQUIPMET RACK.

**HB** HARRY  
BAKER  
SMITH  
**SA II**  
ARCHITECTS II  
**P L L C**  
189 Maple Ridge Drive Metairie, LA 70001  
(504)885-4477  
central@hbbsai.com ~ hbbsai.com  
SINCE 1961

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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## REVISION HISTORY

[illegible]

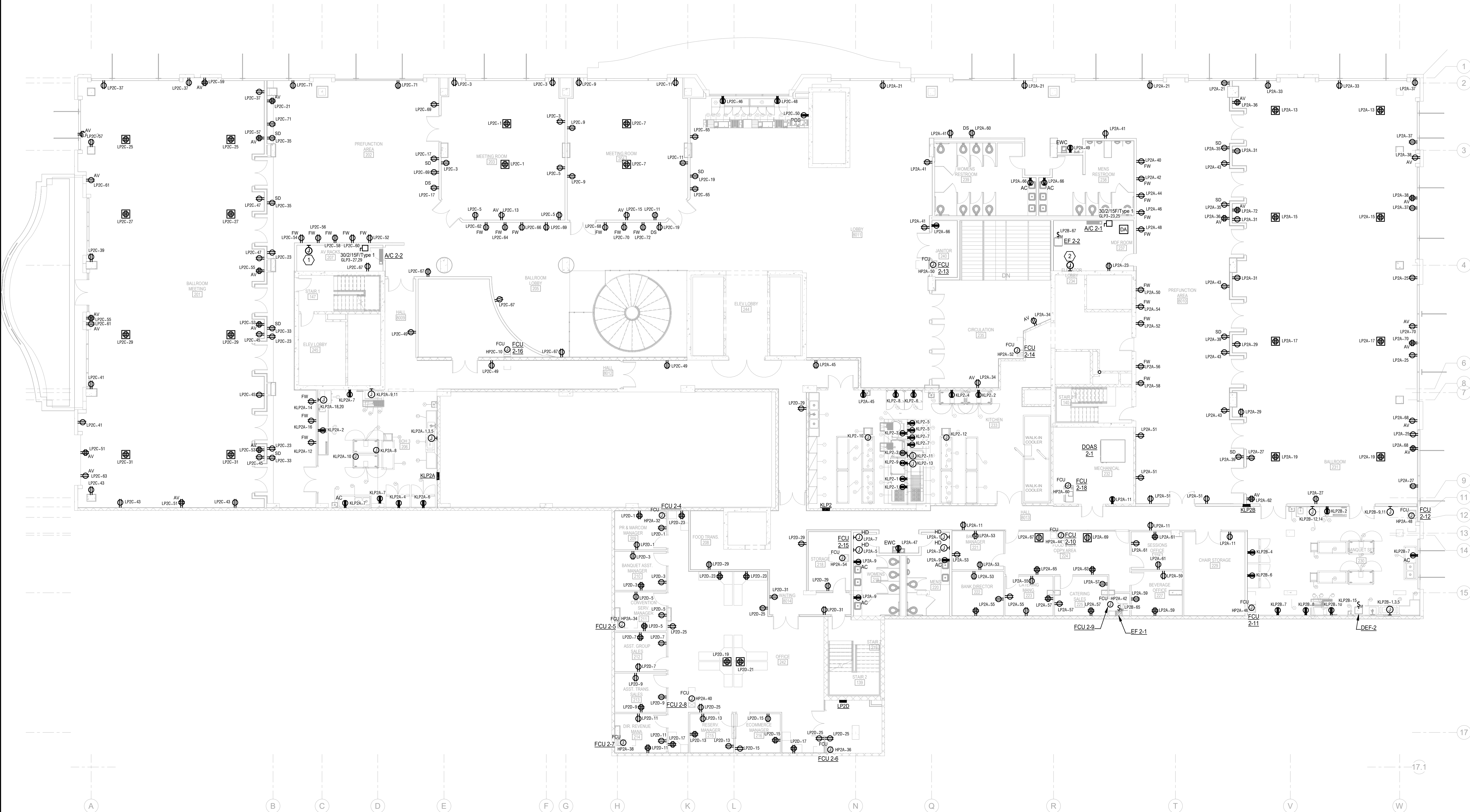
2ND FLOOR - POWER &

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

**MOSES**  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

### E2.2.1



## 1 2ND FLOOR RETAIL - POWER & IT

SCALE: 3/32" = 1'-0"



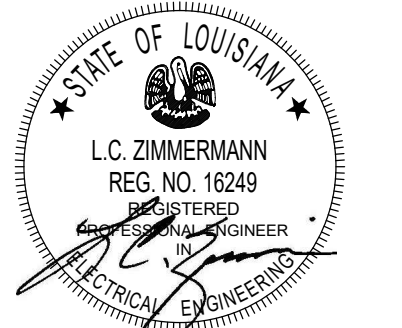




HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

4TH FLOOR PARKING -  
POWER & IT

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### E2.3.1

# 1 4TH FLOOR PARKING - POWER & IT

**MOSES**  
ENGINEERS

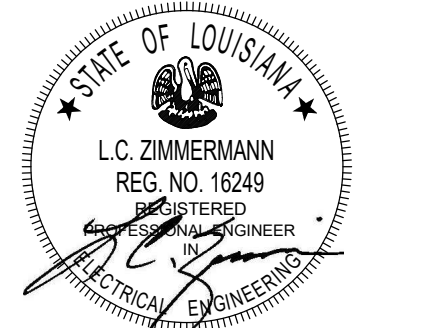
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

## SHEET REFERENCE NOTES

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

5TH FLOOR PARKING -  
POWER & IT

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E2.3.2

# 1 5TH FLOOR PARKING - POWER & IT

**MOSES**  
ENGINEERS

**CONSULTING ENGINEERS**  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

#### SHEET REFERENCE NOTES

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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ADMINISTRATION.  
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[illegible]

6TH FLOOR PARKING -  
POWER & IT

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### E2.3.3

# 1 6TH FLOOR PARKING - POWER & IT

**MOSES**  
ENGINEERS

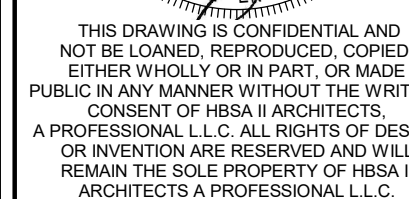
CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022



- 1 PROVIDE DUPLEX GFCI TYPE RECEPTACLE AT TOP OF ELEVATOR SHAFT. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY."
- 2 PROVIDE FUSED SHUNT TRIP DISCONNECT SWITCH FOR ELEVATOR CONTROLLER. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN. SHUNT TRIP ON ELEVATOR POWER SUPPLY CIRCUIT TO REMOVE POWER PRIOR TO SPRINKLER SYSTEM WATER ACTIVATION IN ELEVATOR SHAFT.
- 3 PROVIDE FUSED SAFETY SWITCH AT TOP OF ELEVATOR SHAFT CAPABLE OF BEING LOCKED IN THE OPEN POSITION FOR AUXILIARY ELEVATOR CIRCUITRY. NEC 620.51. CIRCUIT SERVING CAB LIGHTS SHALL HAVE GFCI PROTECTION PER NEC.
- 4 PROVIDE "STOP" SWITCH AT TOP OF ELEVATOR FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR INSTALLER FOR LOCATION, WIRING, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY."

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

### E2.3.4

## 1 7TH FLOOR PARKING - POWER & IT

SCALE: 3/32" = 1'-0"

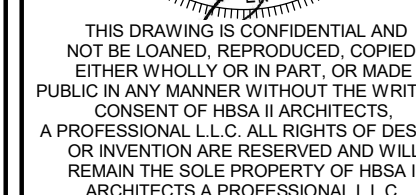
MOSES  
FOURTEEN

CONSULTING ENGINEER  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1033  
Tel. 504-586-1725  
Moses Job#: 2017-022

- 1 PROVIDE THREE (3) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANELS LPA, LPB, LPI, LPII OR LPIII. REFER TO PANEL SCHEDULES FOR EXACT PANEL AND CIRCUIT BREAKERS SERVING THIS ROOM.
- 2 POWER CONNECTION TO FAN COIL UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH. SEE FAN COIL UNIT WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
- 3 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.
- 4 PROVIDE 120V POWER CONNECTION TO SMOKE/FIRE DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO RUGH-IN.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT



8TH FLOOR - POWER &

## E2.4

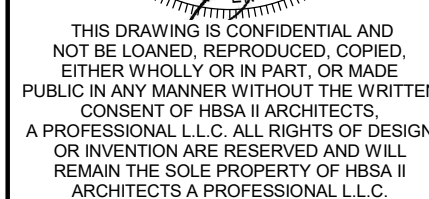


CONSULTING ENGINEER  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1033  
Tel. 504-586-1725  
Moses Job#: 2017-022

- 1 PROVIDE THREE (3) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANELS LP"A, LP"B, LP"C, LP"D OR LP"E. REFER TO PANEL SCHEDULES FOR EXACT PANEL AND CIRCUIT BREAKERS SERVING THIS ROOM.
- 2 POWER CONNECTION TO FAN COIL UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH. SEE FAN COIL UNIT WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
- 3 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.
- 4 PROVIDE 120V POWER CONNECTION TO SMOKE/FIRE DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT



9TH FLOORS - POWER & IT

### E2.4.1

MOSES  
FUGITIVES

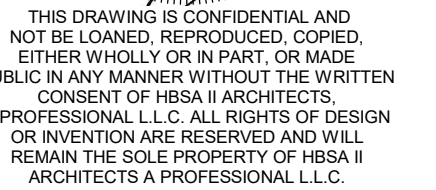
1



- 1 PROVIDE THREE (3) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANELS LPA, LPB, LPA, LPD OR LPE. REFER TO PANEL SCHEDULES FOR EXACT PANEL AND CIRCUIT BREAKERS SERVING THIS ROOM.
- 2 POWER CONNECTION TO FAN COIL UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH. SEE FAN COIL UNIT WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
- 3 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.

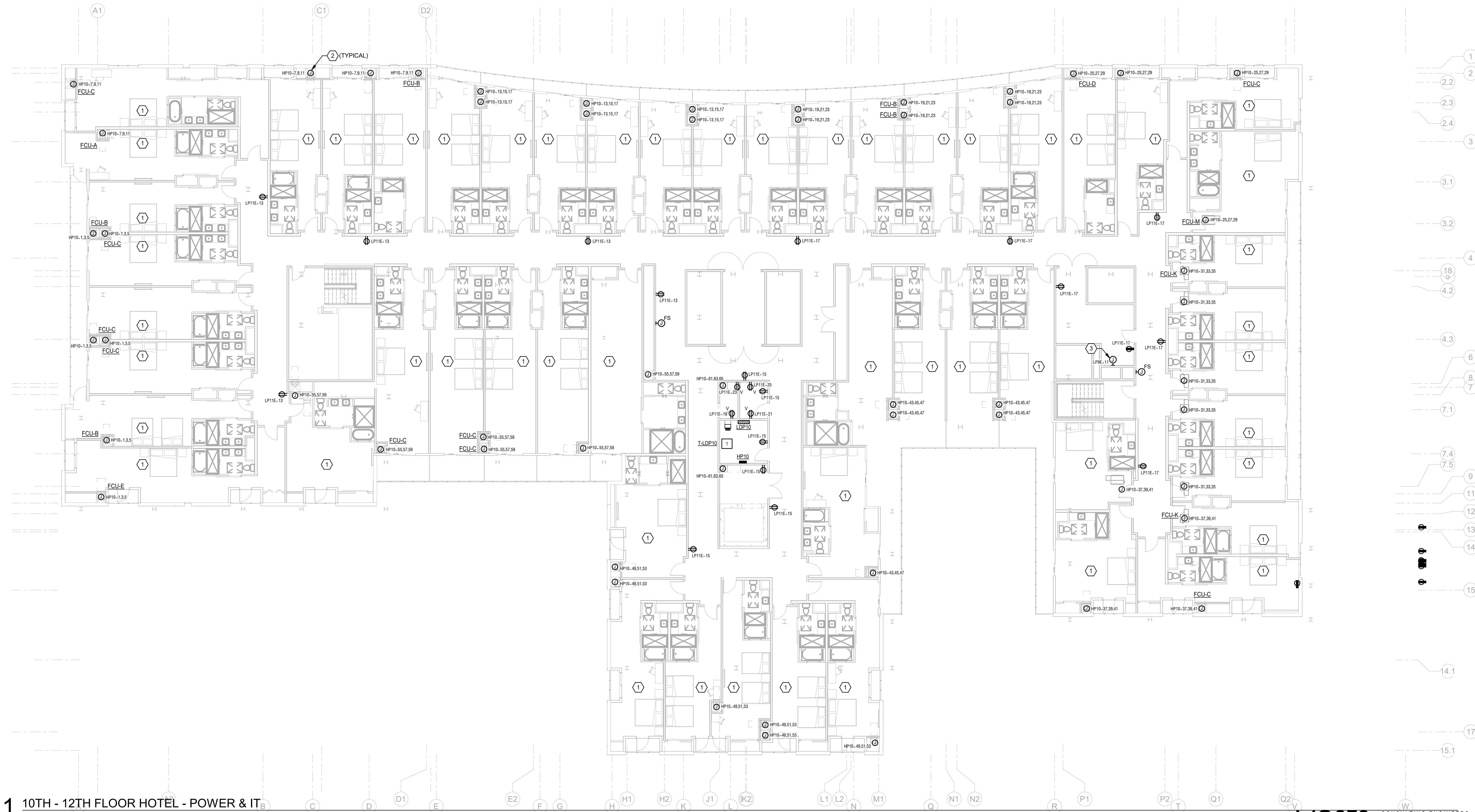
HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E2.4.2



# 1 10TH - 12TH FLOOR HOTEL - POWER & IT

**MOSES**  
ENGINEERS

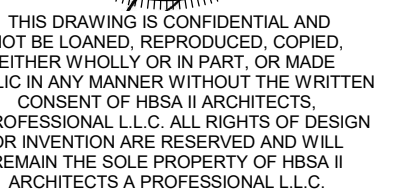
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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
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- 1 PROVIDE THREE (3) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM/FROM PANELS LP1A, LP1B, LP1C, LP1D OR LP1E. REFER TO PANEL SCHEDULES FOR EXACT PANEL AND CIRCUIT BREAKERS SERVING THIS ROOM.
- 2 PROVIDE FOUR (4) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM/FROM PANEL LP13E. REFER TO PANEL SCHEDULES FOR EXACT CIRCUIT BREAKERS SERVING THIS ROOM.
- 3 PROVIDE SIX (6) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM/FROM PANEL LP13E. REFER TO PANEL SCHEDULES FOR EXACT CIRCUIT BREAKERS SERVING THIS ROOM.

- 4 POWER CONNECTION TO FAN COIL UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH. SEE FAN COIL UNIT WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
- 5 PROVIDE 120V POWER CONNECTION TO SMOKEFIRE DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
- 6 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

**CERTIFIED CORRECT**

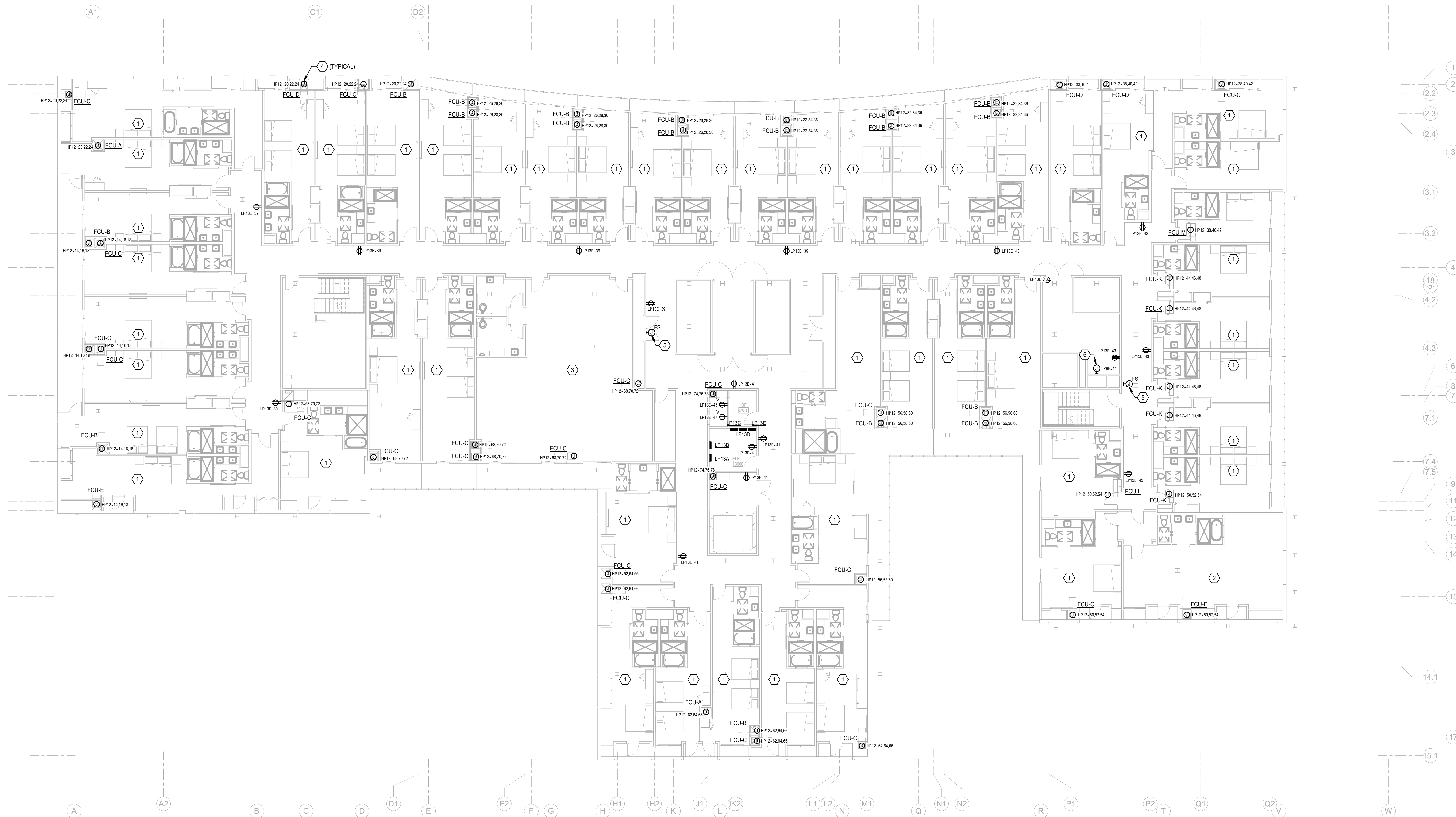


5TH FLOOR - POWER & IT

### 2.4.3

**MOSES**  
ENGINEERS

SCALE: 3/32" = 1'-0"



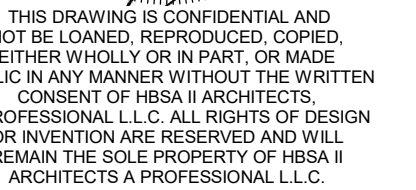
- 1 PROVIDE THREE (3) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANELS LP'A, LP'B, LP'C, LP'D OR LP'E. REFER TO PANEL SCHEDULES FOR EXACT PANEL AND CIRCUIT BREAKERS SERVING THIS ROOM.
- 2 PROVIDE FOUR (4) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANEL LP14B. REFER TO PANEL SCHEDULES FOR EXACT CIRCUIT BREAKERS SERVING THIS ROOM.
- 3 PROVIDE EIGHT (8) 20A/1P DEDICATED CIRCUITS FOR THIS ROOM FROM PANEL LP14B. REFER TO PANEL SCHEDULES FOR EXACT CIRCUIT BREAKERS SERVING THIS ROOM.
- 4 POWER CONNECTION TO FAN COIL UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH. SEE FAN COIL UNIT WIRING DIAGRAM FOR ADDITIONAL INFORMATION.

- 5 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.
- 6 PROVIDE 120V POWER CONNECTION TO SMOKE/FIRE DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
- 7 PROVIDE FUSED SHUNT TRIP DISCONNECT SWITCH FOR ELEVATOR CONTROLLER. COORDINATE INSTALLATION WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN. SHUNT TRIP ON ELEVATOR POWER SUPPLY CIRCUIT TO REMOVE POWER PRIOR TO SPRINKLER SYSTEM WATER ACTIVATION IN ELEVATOR SHAFT.

8	PROVIDE "STOP" SWITCH AT TOP OF ELEVATOR FOR MAINTENANCE USE. COORDINATE WITH ELEVATOR INSTALLER FOR LOCATION, WIRING, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY."
9	PROVIDE USED SAFETY SWITCH AT TOP OF ELEVATOR SHAFT CAPABLE OF BEING LOCKED IN THE OPEN POSITION FOR AUXILIARY ELEVATOR CIRCUIT. PER NEC 620.53. CIRCUIT SERVING CAB LIGHTS SHALL HAVE GFCI PROTECTION PER NEC.
10	PROVIDE DUPLEX GFCI TYPE RECEPTACLE IN ELEVATOR PIT. COORDINATE WITH ELEVATOR VENDOR FOR LOCATION, MOUNTING REQUIREMENTS, ETC. ADJUST WORK ACCORDINGLY."

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

CERTIFIED CORRECT

TH FLOOR - POWER & IT

### 2.4.4



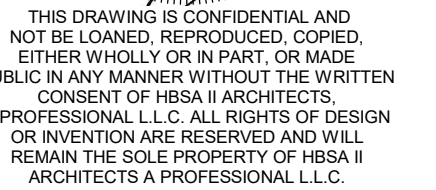
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Moses Job#: 2017-022



2 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.

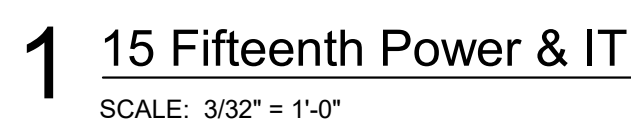
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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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## 5TH FLOOR - POWER & IT

## E2.4.5

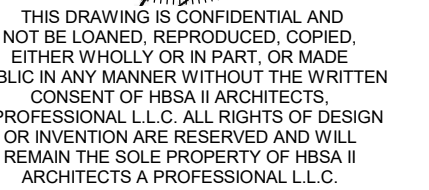


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Tel. 504-586-1725  
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- 1 CONDOMINIUM MEDIA BOX.
- 2 PROVIDE 120V POWER CONNECTION FOR TRASH CHUTE INTERLOCK. COORDINATE EXACT LOCATION AND FEED WITH UNIT REQUIREMENTS.

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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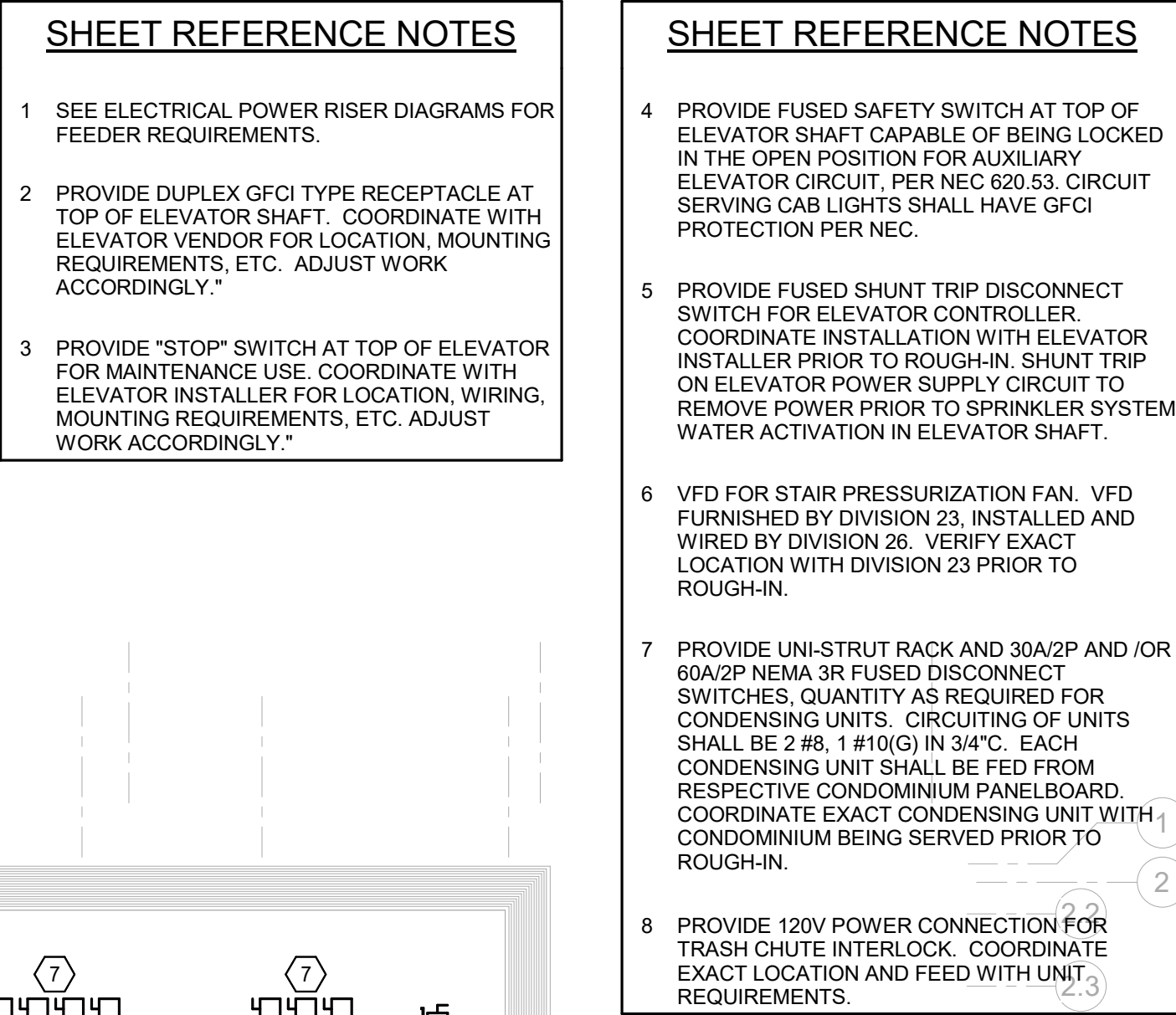


16TH & 17TH FLOOR -  
POWER & IT

## E2.4.6



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HARD ROCK

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CLOSE PERSONAL SUPERVISION AND TO  
THE BEST OF MY KNOWLEDGE AND  
BELIEF THEY COMPLY WITH ALL CITY,  
STATE AND FEDERAL REQUIREMENTS,  
AND I AM NOT PROVIDING CONTRACT  
ADMINISTRATION.

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STATE OF LOUISIANA



L.C. ZIMMERMANN  
No. 16249  
REGISTERED  
PROFESSIONAL ENGINEER  
CIVIL ENGINEERING

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[illegible]

ROOF PLAN - POWER &

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

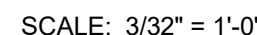
### E2.5.1







## E3.2



### E3.2.1

1. FIRE ALARM SYSTEM NOTIFICATION CIRCUITRY SHALL COMPLY WITH THE SURVIVABILITY REQUIREMENTS DETAILED IN THE EMERGENCY COMMUNICATIONS - FIRE ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.
2. COORDINATE WITH FIRE SUPPRESSION SYSTEM DESIGNER AND PROVIDE FIRE SUPPRESSION SYSTEM TAMPER AND FLOW MONITORING DEVICES WHERE REQUIRED THROUGHOUT.
3. PROVIDE DUCT SMOKE DETECTORS IN THE SUPPLY AND RETURN OF ALL HVAC UNITS WITH A CAPACITY GREATER THAN OR EQUAL TO 2000 CFM

1 REFER TO ELEVATOR FIRE ALARM INTERFACE  
DIAGRAM DETAIL.

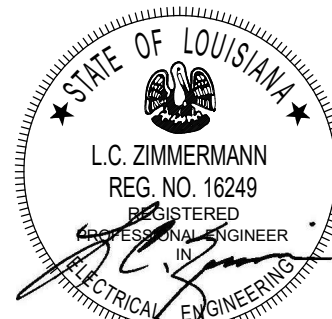
2 2-WAY COMMUNICATION SYSTEM STATION. REFER  
TO 2-WAY COMMUNICATION SYSTEM DIAGRAM  
DETAIL AND EMERGENCY COMMUNICATIONS - FIRE  
ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.

**HB** HARRY  
BAKER  
SMITH  
**SA II**  
ARCHITECTS II  
**P L L C**  
189 Maple Ridge Drive Metairie, LA 70001  
(504)885-4477  
central@hbsaii.com hbsaii.com  
SINCE 1961

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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## REVISION HISTORY


2ND FLOOR MEZZANINE  
SPECIAL SYSTEMS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2014

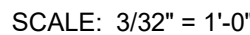
### E3.2.3

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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

**MOSES**  
ENGINEERS

## 1 2ND FLOOR MEZZANINE - SPECIAL SYSTEMS

SCALE: 3/32" = 1'-0"







MOSES  
ENGINEERS

### E3.3.1

1. FIRE ALARM SYSTEM NOTIFICATION CIRCUITRY SHALL COMPLY WITH THE SURVIVABILITY REQUIREMENTS DETAILED IN THE EMERGENCY COMMUNICATIONS - FIRE ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.
2. COORDINATE WITH FIRE SUPPRESSION SYSTEM DESIGNER AND PROVIDE FIRE SUPPRESSION SYSTEM TAMPER AND FLOW MONITORING DEVICES WHERE REQUIRED THROUGHOUT.
3. PROVIDE DUCT SMOKE DETECTORS IN THE SUPPLY AND RETURN OF ALL HVAC UNITS WITH A CAPACITY GREATER THAN OR EQUAL TO 2000 CFM

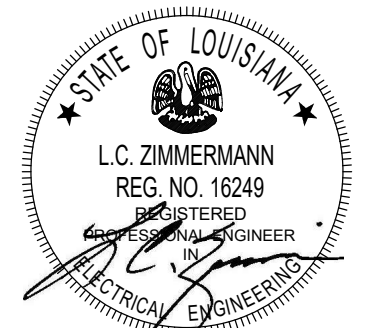
- 1 REFER TO ELEVATOR FIRE ALARM INTERFACE DIAGRAM DETAIL.
- 2 2-WAY COMMUNICATION SYSTEM STATION. REFER TO 2-WAY COMMUNICATION SYSTEM DIAGRAM DETAIL AND EMERGENCY COMMUNICATIONS - FIRE ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.

**HB SA II**  
HARRY BAKER SMITH ARCHITECTS II  
**P L L C**  
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#### REVISION HISTORY


## 4TH FLOOR PARKING SPECIAL SYSTEMS

PROJECT#: 1709

PHASE: PERMIT

TEAM: ME

CHECKER: JI

SCALE: AS NOTE

ISSUED: 06/05/2018

## SHEET GENERAL NOTES

1. FIRE ALARM SYSTEM NOTIFICATION CIRCUITRY SHALL COMPLY WITH THE SURVIVABILITY REQUIREMENTS DETAILED IN THE EMERGENCY COMMUNICATIONS - FIRE ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.
2. COORDINATE WITH FIRE SUPPRESSION SYSTEM DESIGNER AND PROVIDE FIRE SUPPRESSION SYSTEM TAMPER AND FLOW MONITORING DEVICES WHERE REQUIRED THROUGHOUT.
3. PROVIDE DUCT SMOKE DETECTORS IN THE SUPPLY AND RETURN OF ALL HVAC UNITS WITH A CAPACITY GREATER THAN OR EQUAL TO 2000 CFM

# SHEET REFERENCE NOTES

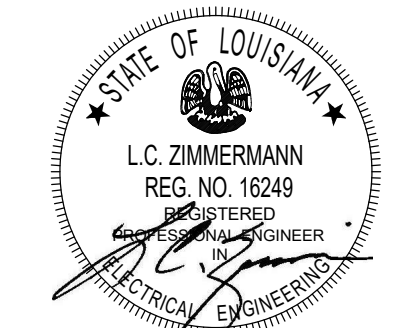
- 1 REFER TO ELEVATOR FIRE ALARM INTERFACE DIAGRAM DETAIL.
- 2 2-WAY COMMUNICATION SYSTEM STATION. REFER TO 2-WAY COMMUNICATION SYSTEM DIAGRAM DETAIL AND EMERGENCY COMMUNICATIONS - FIRE ALARM SYSTEM PATHWAY SURVIVABILITY DETAIL.

**HB** HARRY  
BAKER  
SMITH  
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ARCHITECTS II  
**P L L C**  
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[illegible]

5TH FLOOR PARKING  
SPECIAL SYSTEMS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## 1 5TH FLOOR PARKING - SPECIAL SYSTEMS

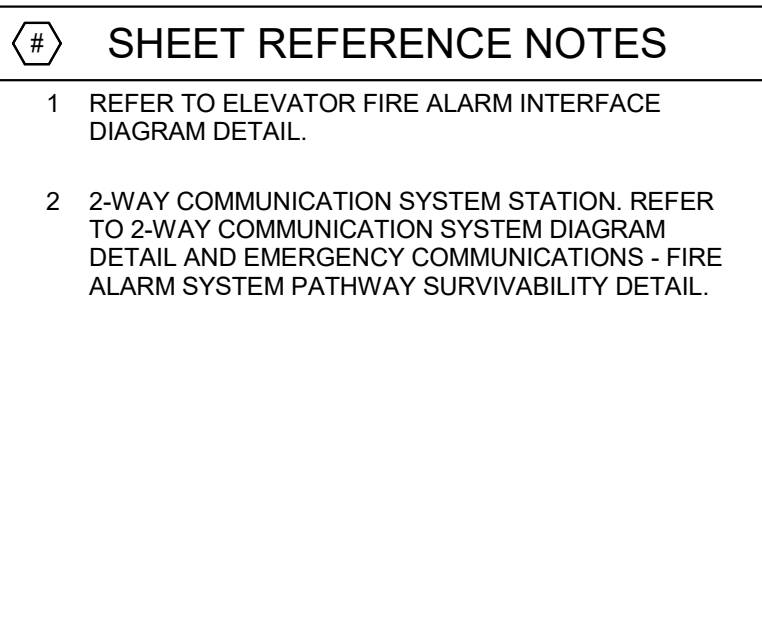
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**MOSES**  
ENGINEERS

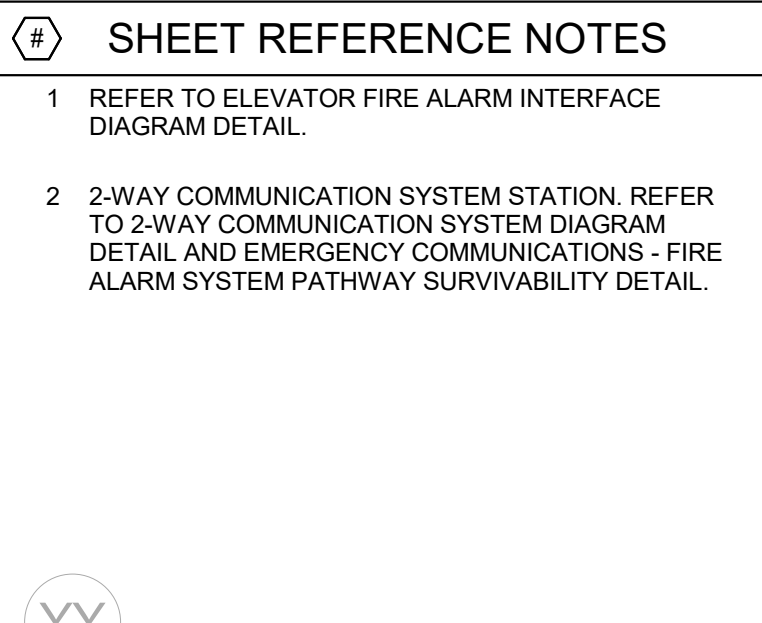
CONSULTING ENGINEERS  
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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

### E3.3.2





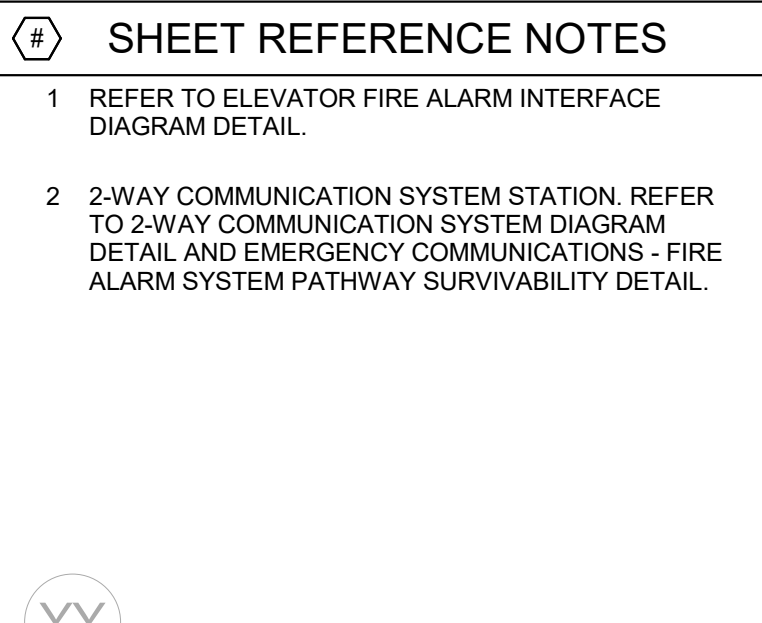


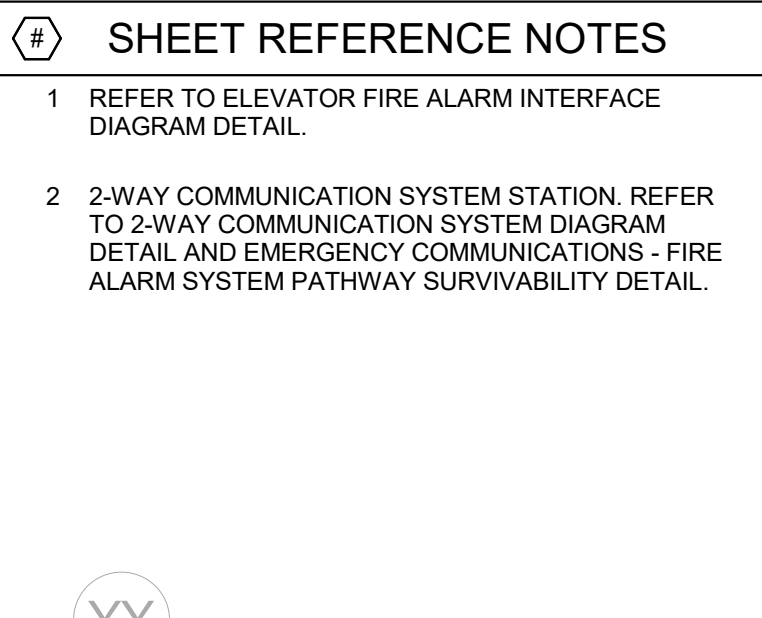


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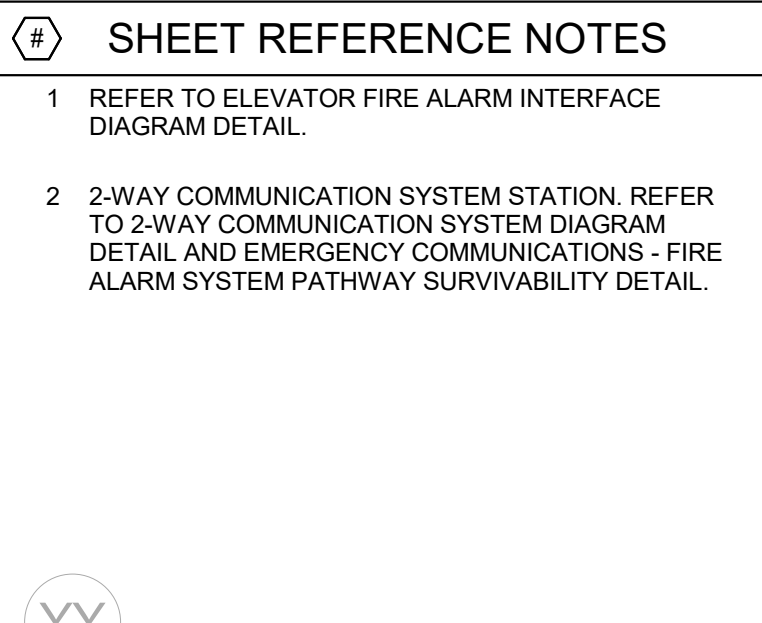
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PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

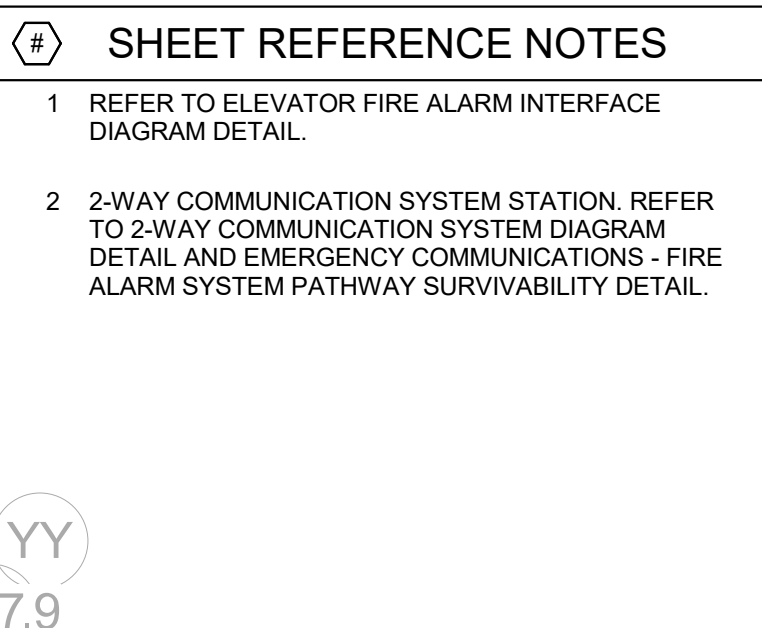




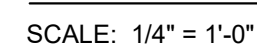
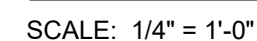
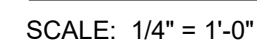
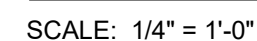












## E4.1



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[illegible]

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018





- ## SHEET REFERENCE NOTES
- 1 J-BOX AND 120V POWER CIRCUIT FOR KITCHEN EXHAUST HOOD. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
  - 2 RECEPTACLE FOR UNDERCOUNTER MICROWAVE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH CABINET INSTALLER TO ROUGH-IN - PROVIDE JUNCTION BOX ONLY AND WIRE TO UNIT IF REQUIRED BY MANUFACTURER.
  - 3 PROVIDE CORD AND PLUG FOR DISHWASHER. DISCONNECTING ACCESSIBLE IN ADJACENT CABINET.
  - 4 PROVIDE DUPLEX RECEPTACLE INSIDE OF MEDIA BOX.
  - 5 POWER CONNECTION TO A/C UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH.
  - 6 40A, 2-POLE SWITCH FOR WATER HEATER DISCONNECTING MEANS.
  - 7 POWER TO HANDICAP LIFT. COORDINATE EXACT LOCATION WITH LIFT INSTALLATION INSTRUCTIONS AND PROVIDE FINAL CONNECTION TO LIFT.
  - 8 PROVIDE UNI-STRUT RACK AND 30A/2P AND /OR 60A/2P NEMA 3P FUSED DISCONNECT SWITCHES, QUANTITY AS REQUIRED FOR CONDENSING UNITS. CIRCUITING OF UNITS SHALL BE 2 #8, 1 #10(G) IN 3/4". EACH CONDENSING UNIT SHALL BE FED FROM RESPECTIVE CONDOMINIUM PANELBOARD. COORDINATE EXACT CONDENSING UNIT WITH CONDOMINIUM BEING SERVED PRIOR TO ROUGH-IN.
  - 9 INDICATED DEVICE IS TO BE PROVIDED WITHIN ADA DESIGNATED GUESTROOMS OR CONDOS ONLY.
  - 10 INDICATED DEVICE IS TO BE PROVIDED WITHIN ADA DESIGNATED GUESTROOMS AND ALSO IN A MINIMUM OF 20 GUESTROOMS THROUGHOUT THE FACILITY IN ACCORDANCE WITH IBC 903.3.3 (COORDINATE EXACT ROOMS WITH ARCHITECT) ONLY.

**HB** HARRY  
BAKER  
SMITH  
**SA II**  
ARCHITECTS II  
**P L L C**  
189 Maple Ridge Drive Metairie, LA 70001  
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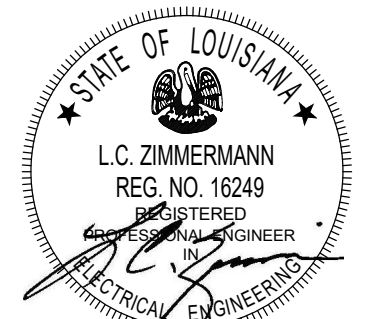
HARD ROCK

---

1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

ENLARGED ELECTRICAL  
PLANS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

**MOSES**  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

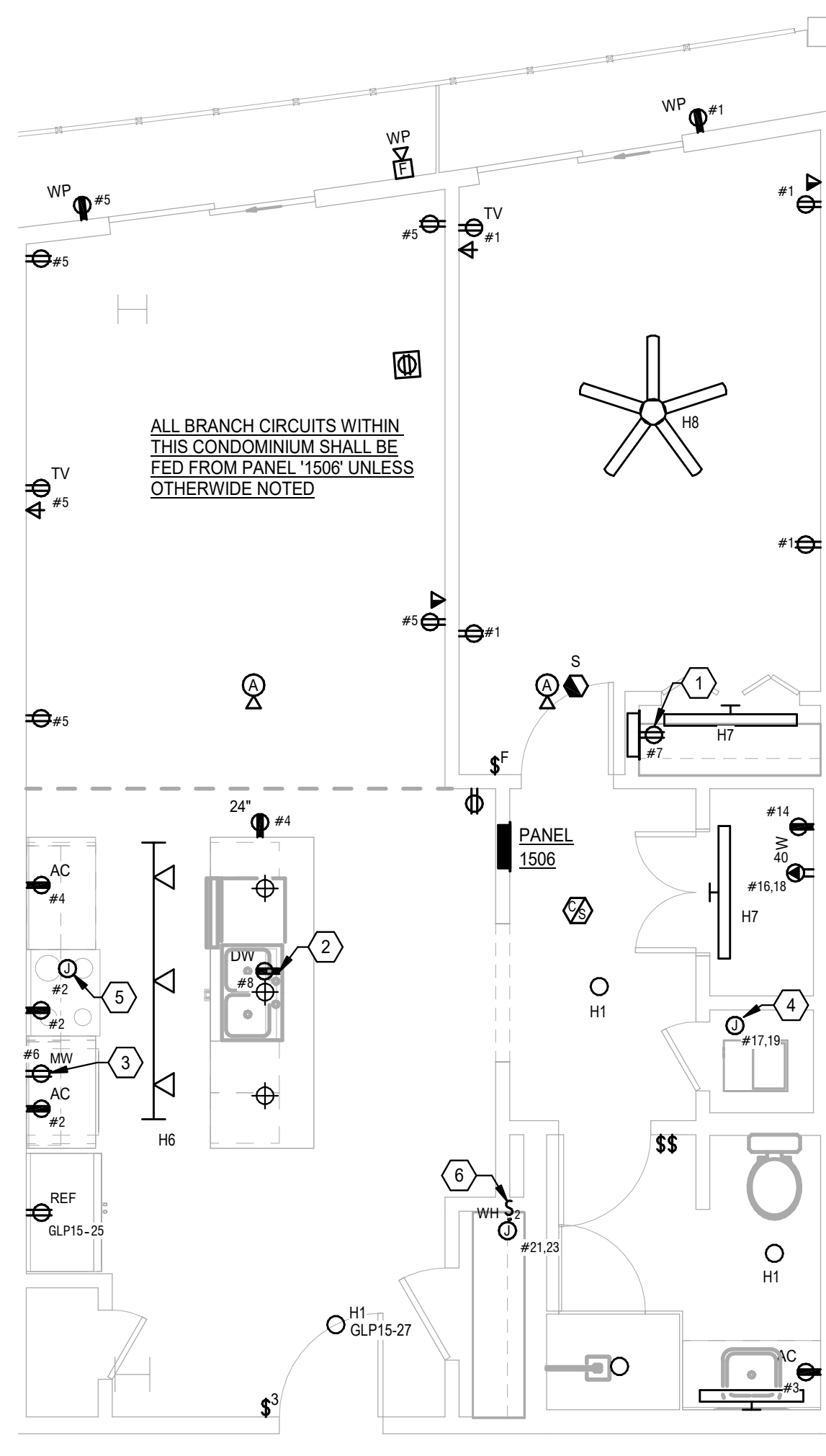
### E4.3

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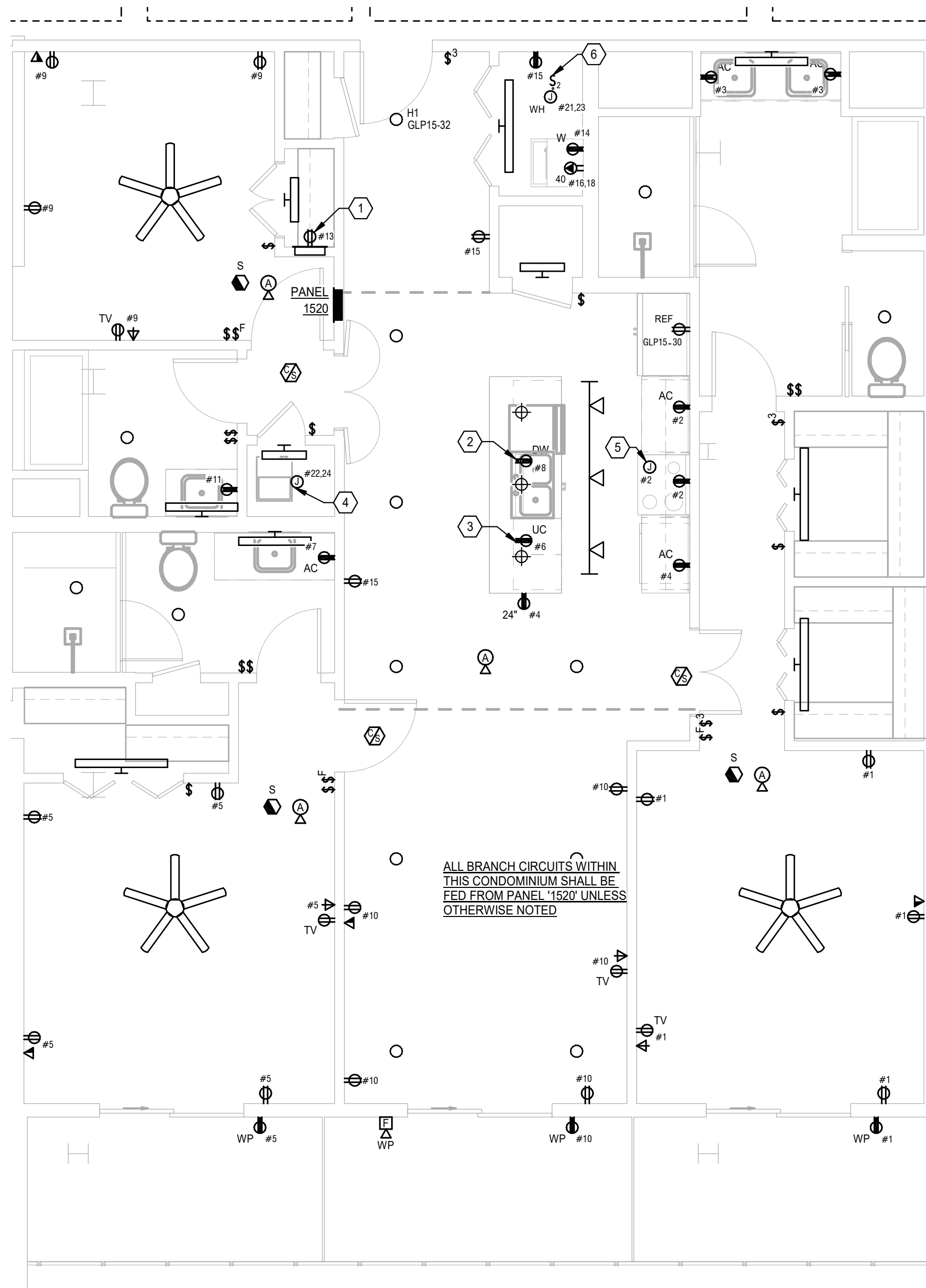
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PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

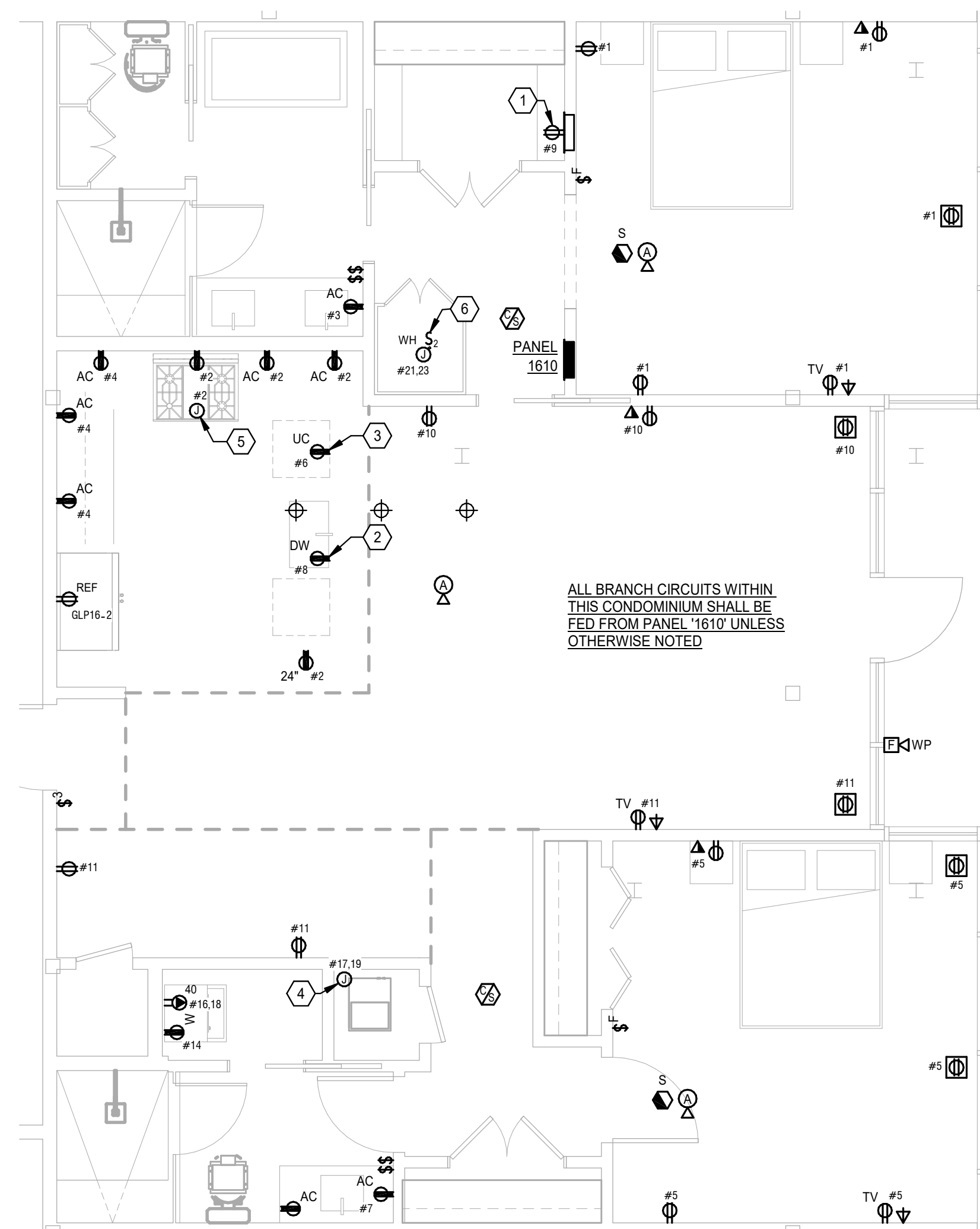
- 1 PROVIDE DUPLEX RECEPTACLE INSIDE OF MEDIA BOX.
- 2 PROVIDE CORD AND PLUG FOR DISHWASHER DISCONNECTING ACCESSIBLE IN ADJACENT CABINET.
- 3 RECEPTACLE FOR UNDERCOUNTER MICROWAVE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH CABINET INSTALLER TO ROUGH-IN. PROVIDE JUNCTION BOX ONLY AND WIRE TO UNIT IF REQUIRED BY MANUFACTURER.
- 4 POWER CONNECTION TO A/C UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH.
- 5 J-BOX AND 120V POWER CIRCUIT FOR KITCHEN EXHAUST HOOD. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
- 6 40A, 2-POLLE SWITCH FOR WATER HEATER DISCONNECT MEANS.



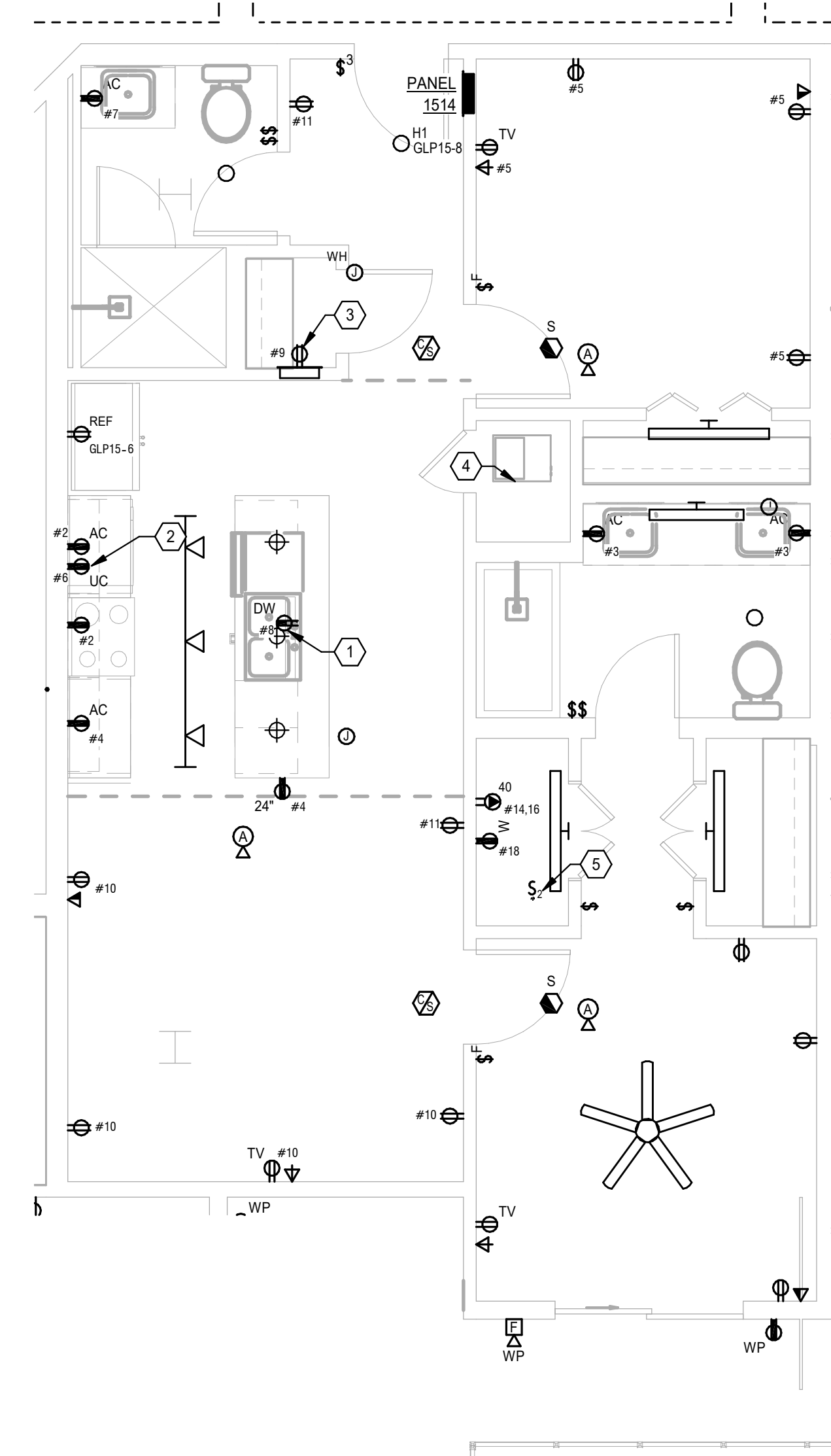
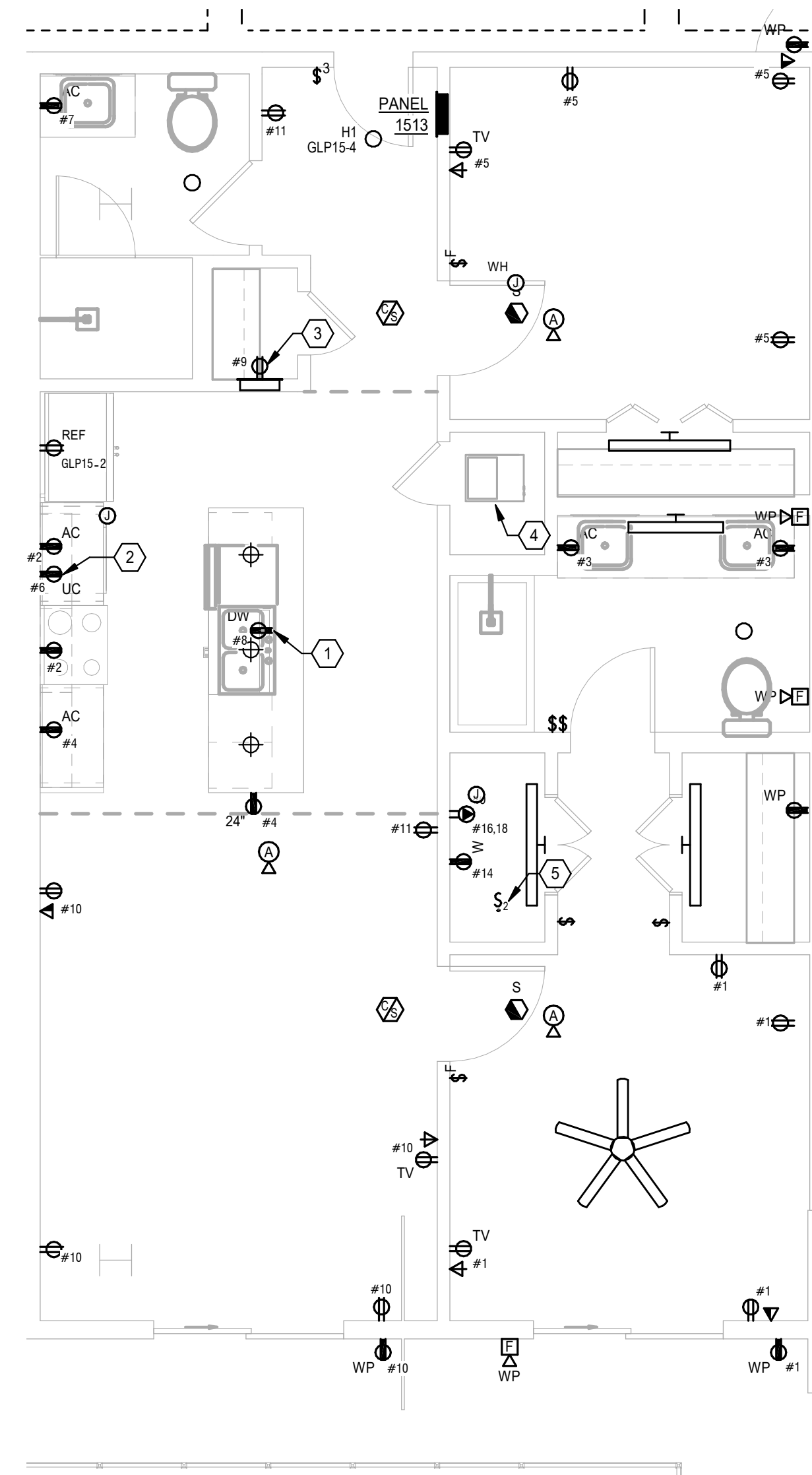
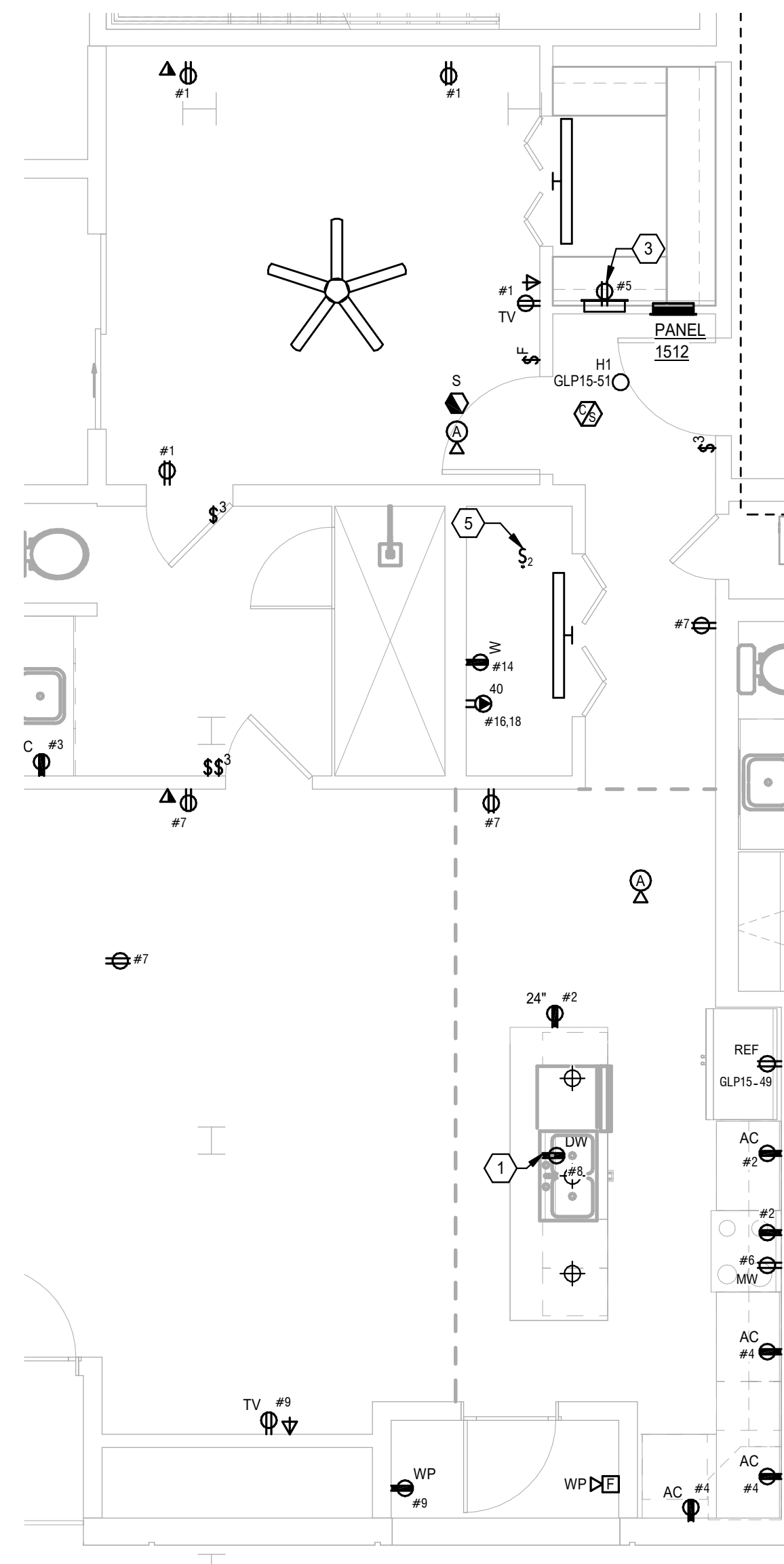
# 1 CONDOMINIUM 1506 ENLARGED ELECTRICAL PLAN



## 2 CONDOMINIUM 1520 ENLARGED ELECTRICAL PLAN



### 3 CONDOMINIUM 1610 ENLARGED ELECTRICAL PLAN



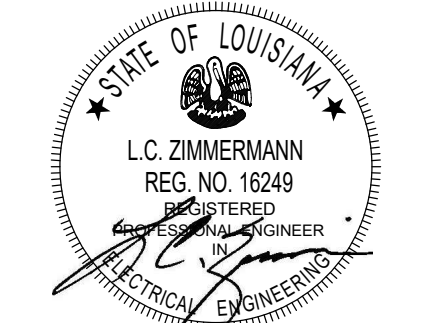
- ## SHEET REFERENCE NOTES
- 1 PROVIDE CORD AND PLUG FOR DISHWASHER DISCONNECTING ACCESSIBLE IN ADJACENT CABINET.
  - 2 RECEPTACLE FOR UNDERCOUNTER MICROWAVE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH CABINET INSTALLER TO ROUGH-IN. PROVIDE JUNCTION BOX ONLY AND WIRE TO UNIT IF REQUIRED BY MANUFACTURER.
  - 3 PROVIDE DUPLEX RECEPTACLE INSIDE OF MEDIA BOX.
  - 4 POWER CONNECTION TO A/C UNIT. UNIT TO BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH.
  - 5 40A, 2-POLE SWITCH FOR WATER HEATER DISCONNECTING MEANS.

**HB SA II**  
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ARCHITECTS II  
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HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

ENLARGED ELECTRICAL  
PLANS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

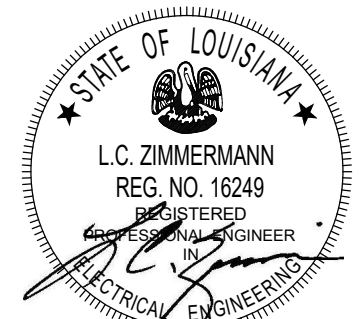
MOSES  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

## E4.5

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#### REVISION HISTORY

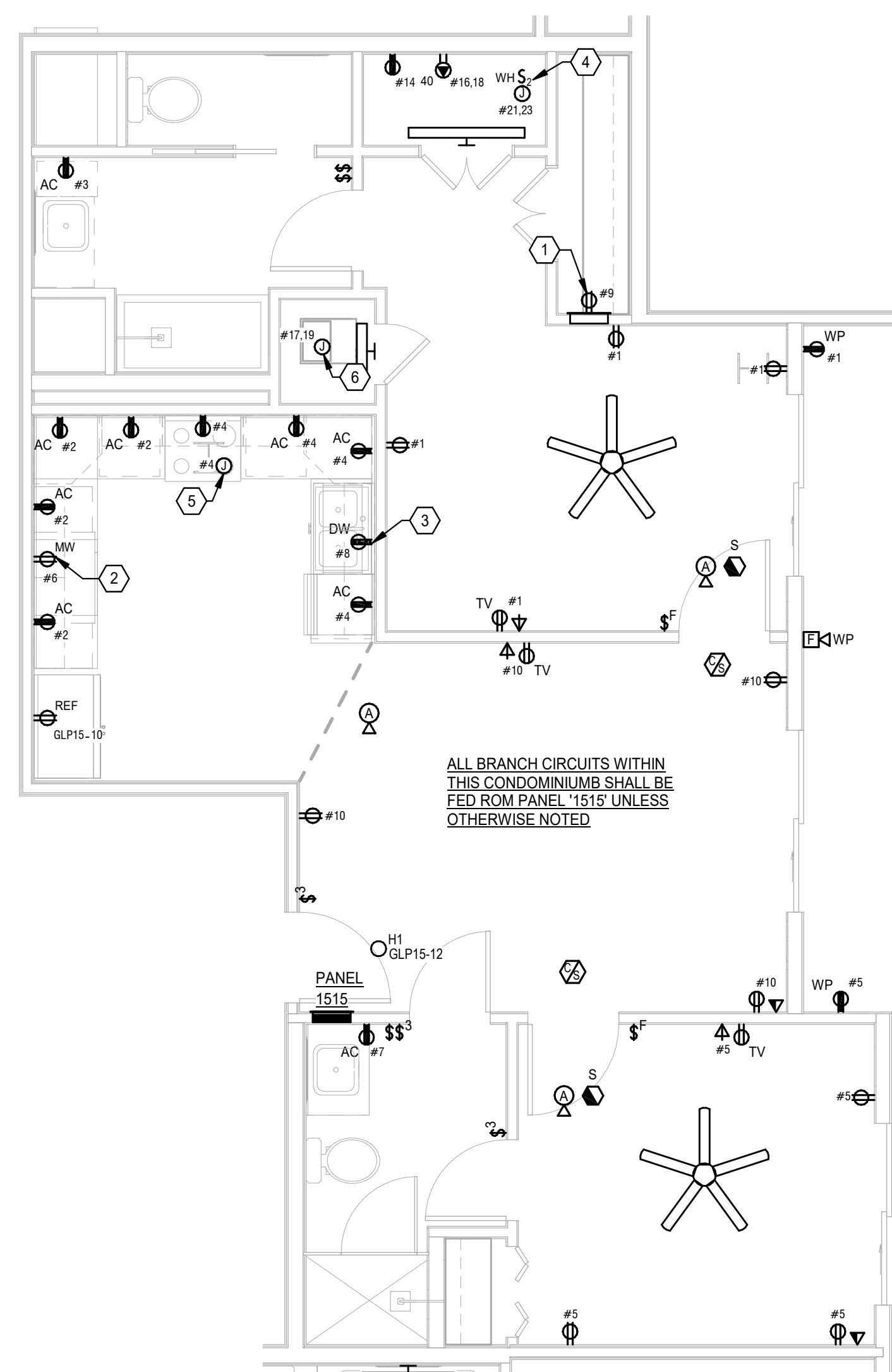

ENLARGED ELECTRICAL  
PLANS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E4.6

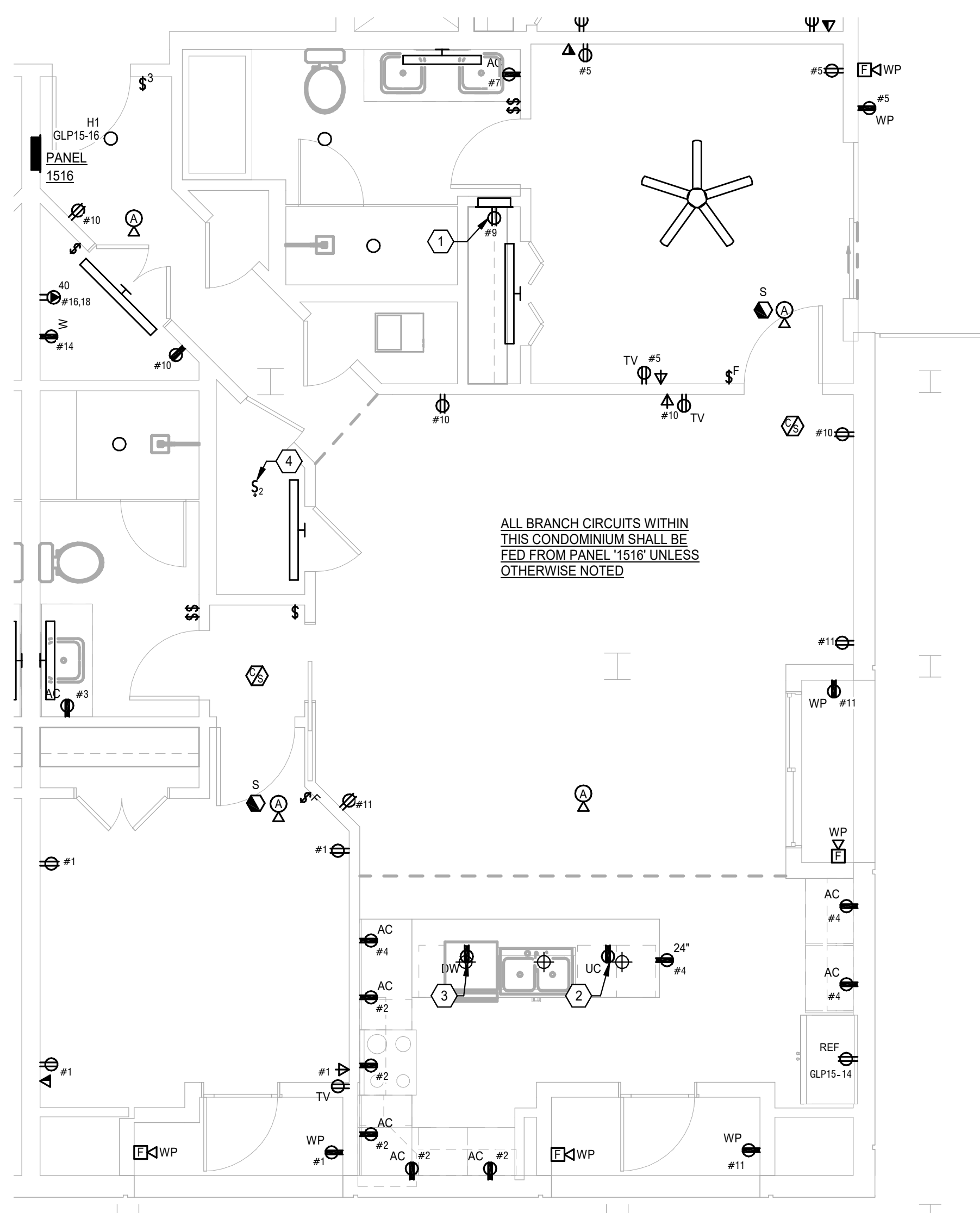
SHEET REFERENCE NOTES

- 1 PROVIDE DUPLEX RECEPTACLE INSIDE OF MEDIA BOX.
- 2 RECEPTACLE FOR UNDERCOUNTER MICROWAVE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH CABINET INSTALLER TO ROUGH-IN. PROVIDE JUNCTION BOX ONLY AND WIRE TO UNIT IF REQUIRED BY MANUFACTURER.
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- 4 40A, 2-POLE SWITCH FOR WATER HEATER DISCONNECTING MEANS.
- 5 J-BOX AND 120V POWER CIRCUIT FOR KITCHEN EXHAUST HOOD. COORDINATE LOCATION AND REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
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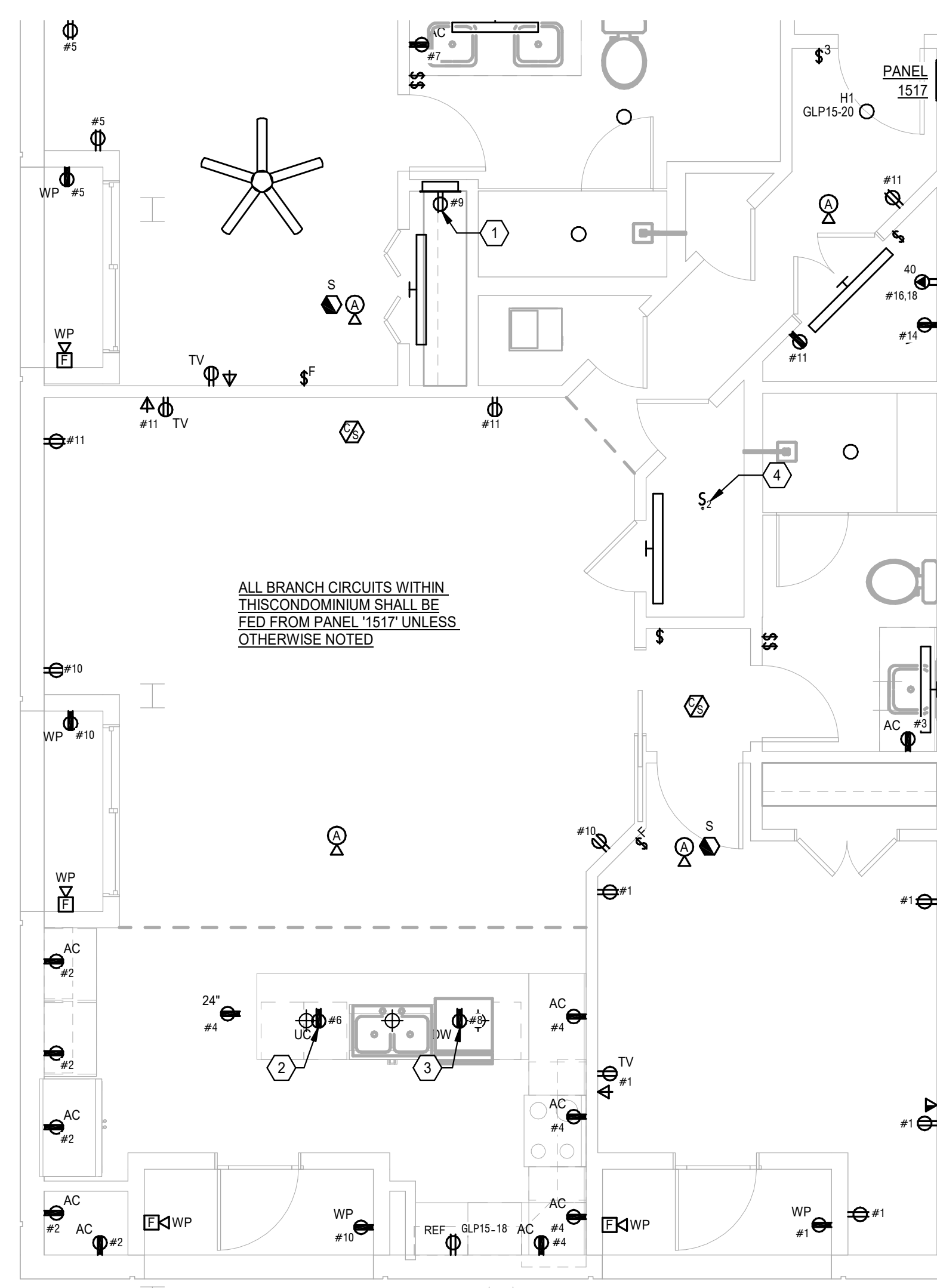
# 1 CONDOMINIUM 1515 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



## 2 CONDOMINIUM 1516 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



### 3 CONDOMINIUM 1517 ENLARGED ELECTRICAL PLAN

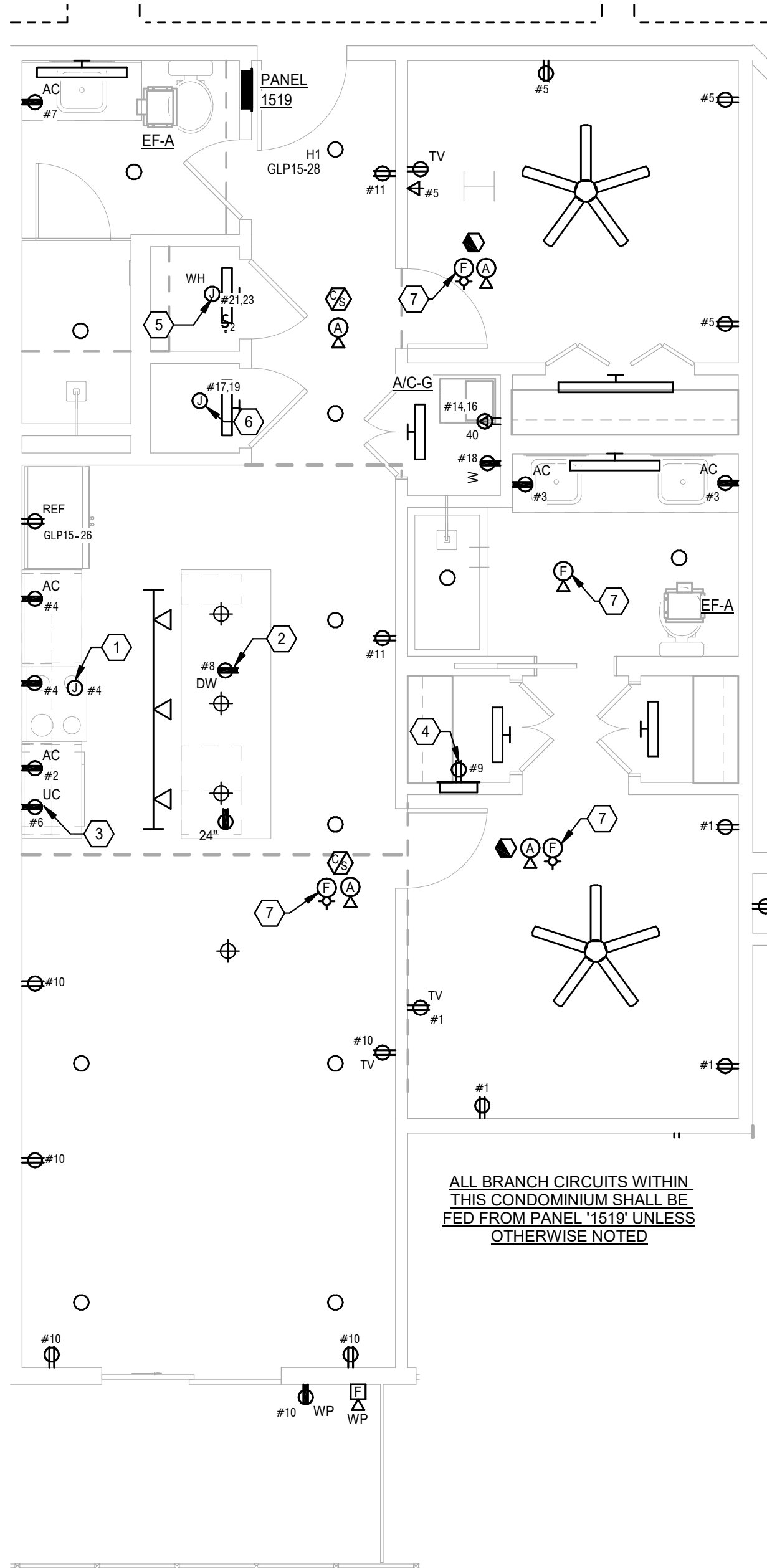
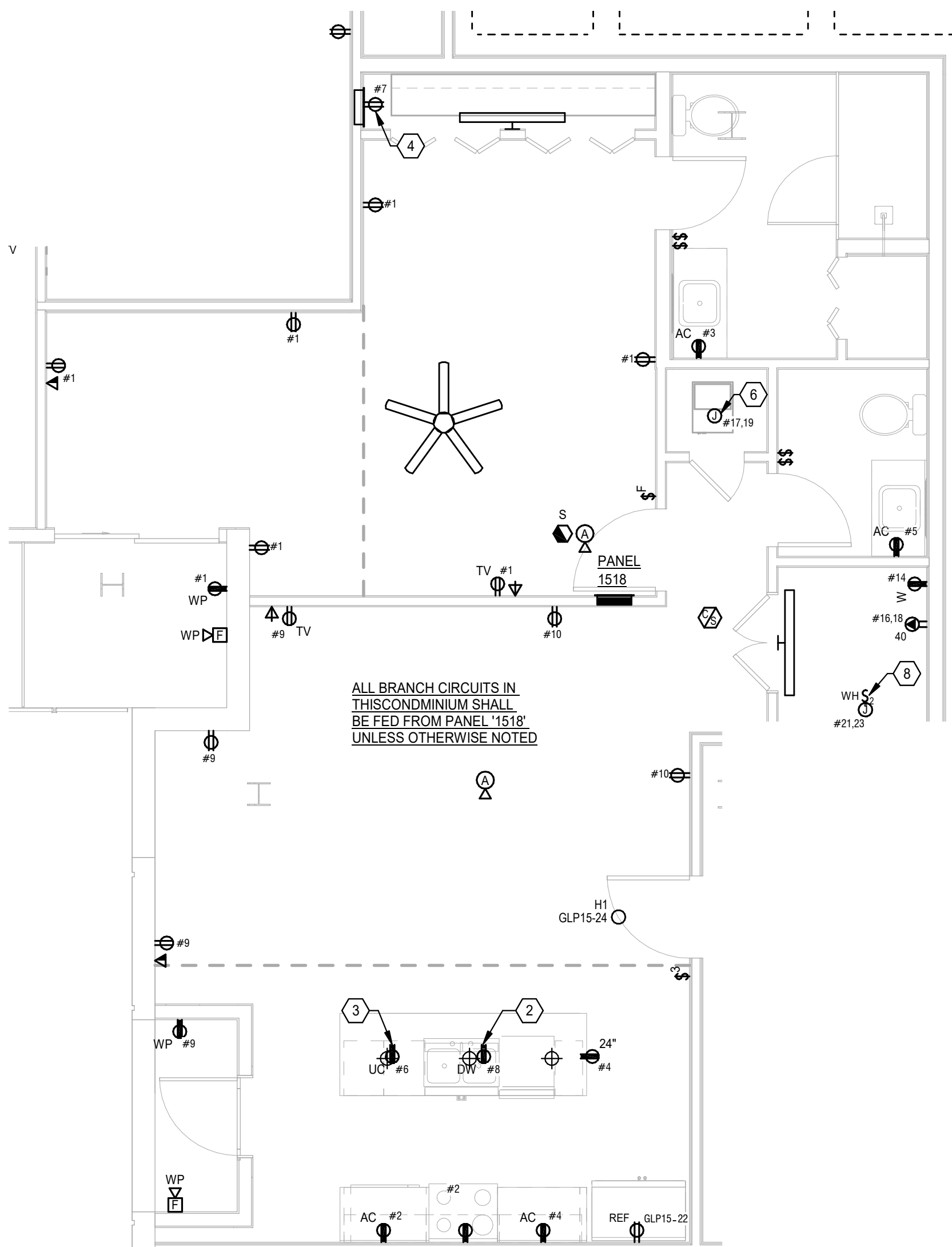
SCALE: 1/4" = 1'-0"



HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

SHEET REFERENCE NOTES

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1 CONDOMINIUM 1518 ENLARGED ELECTRICAL PLAN

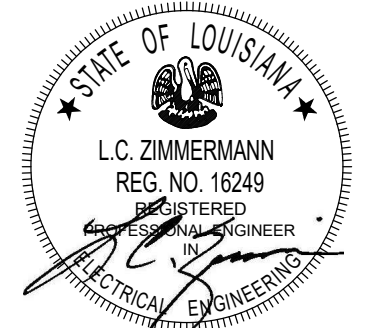
SCALE: 1/4" = 1'-0"

2 CONDOMINIUM 1519 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

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REVISION HISTORY				

ENLARGED ELECTRICAL PLANS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

MOSES  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

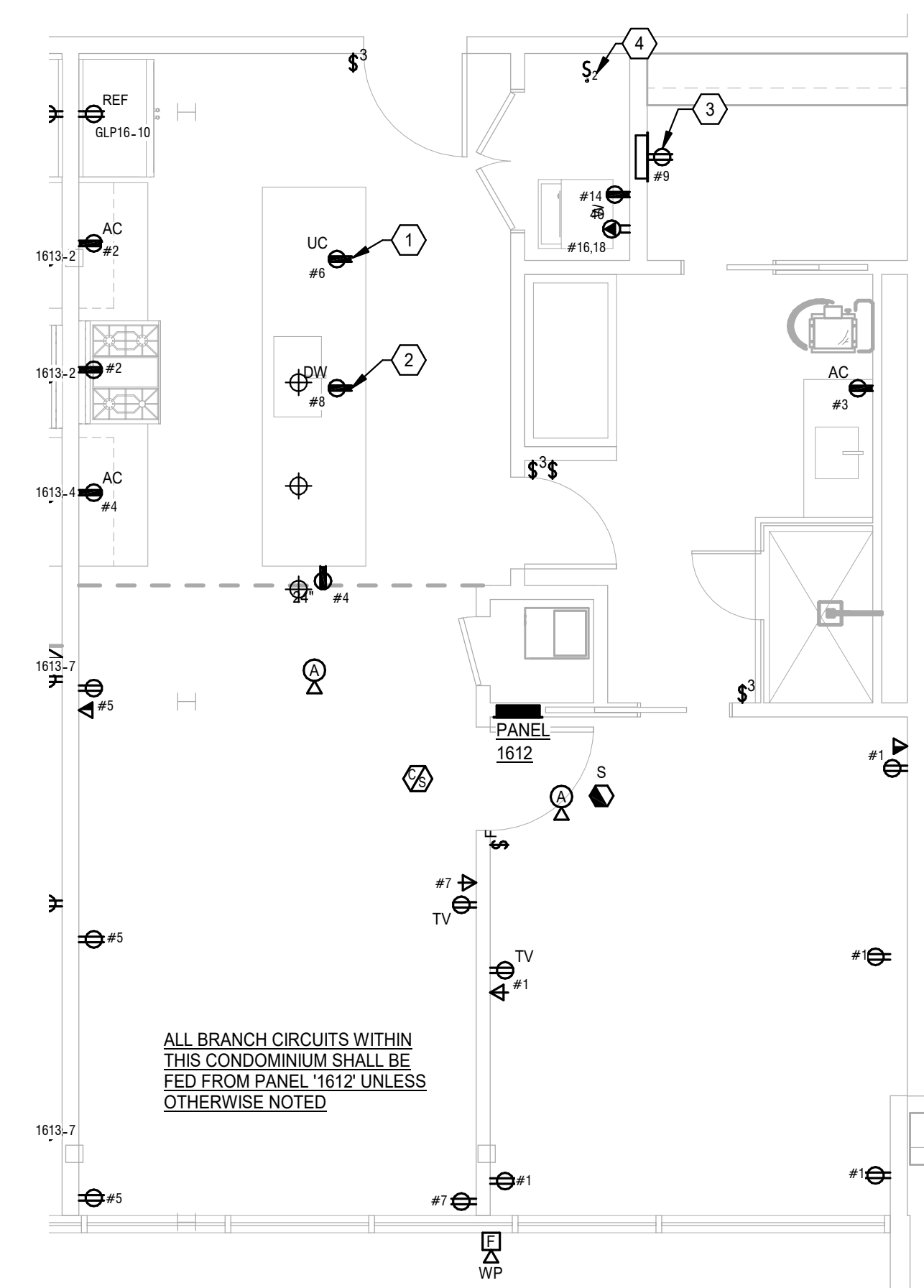
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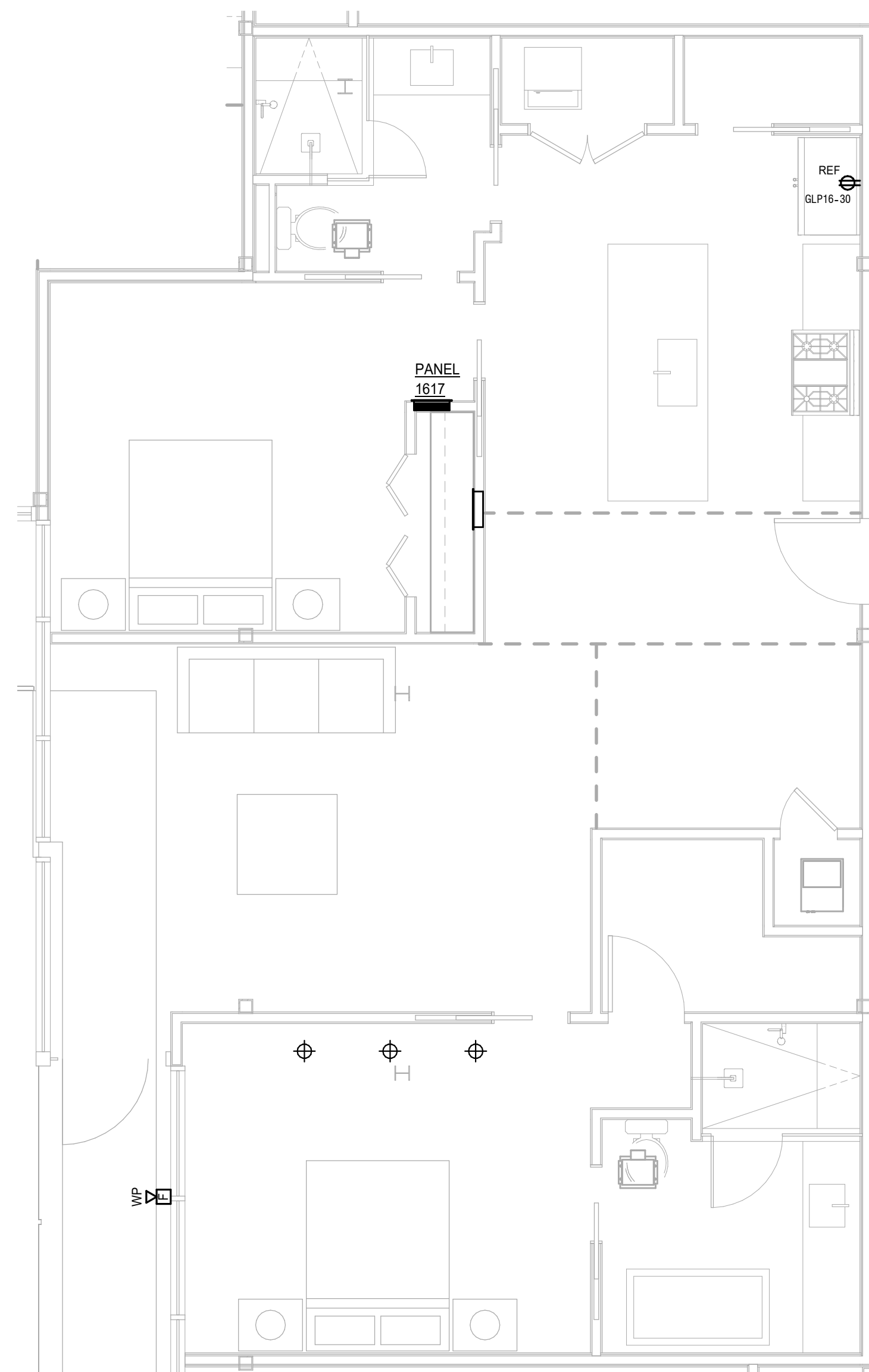






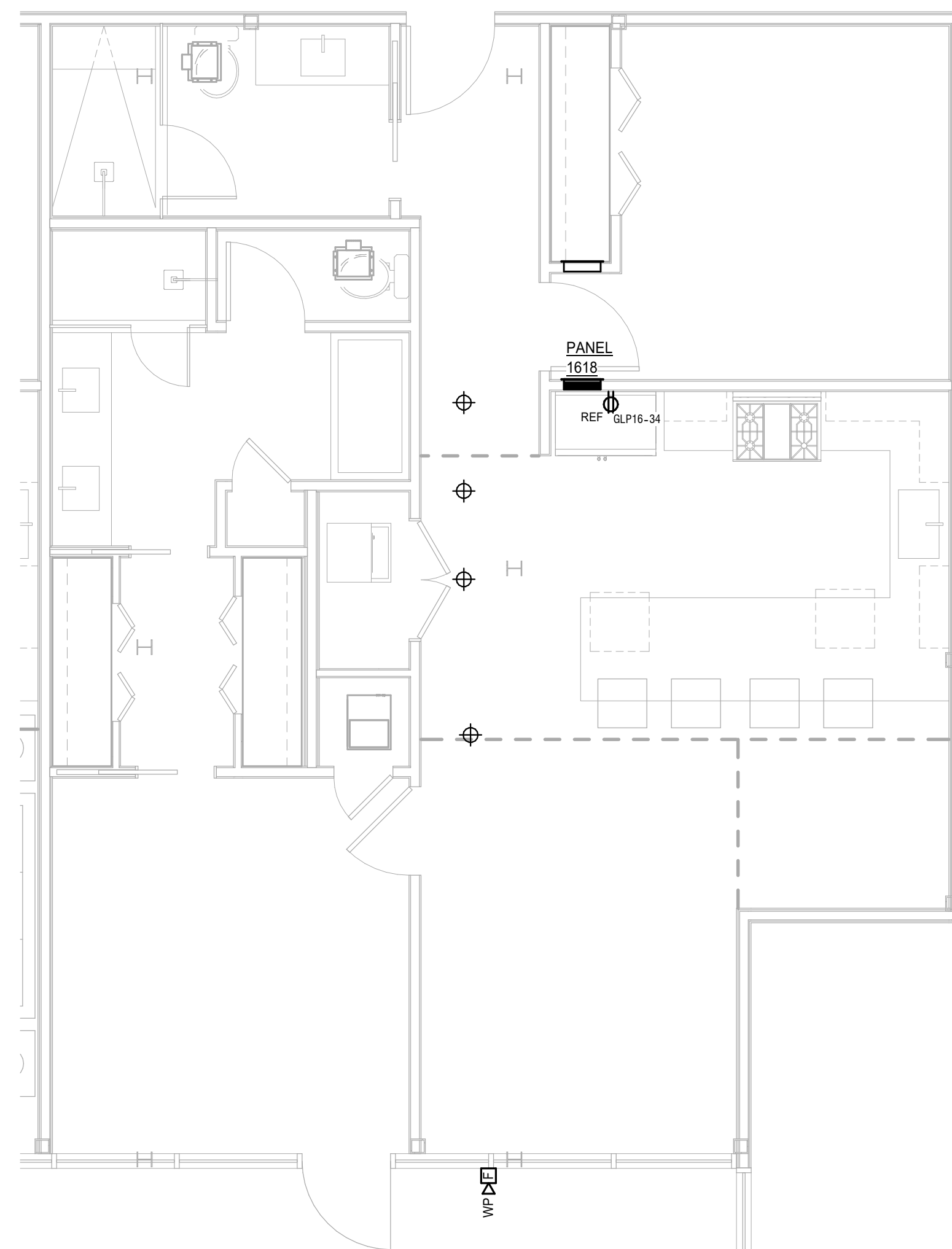






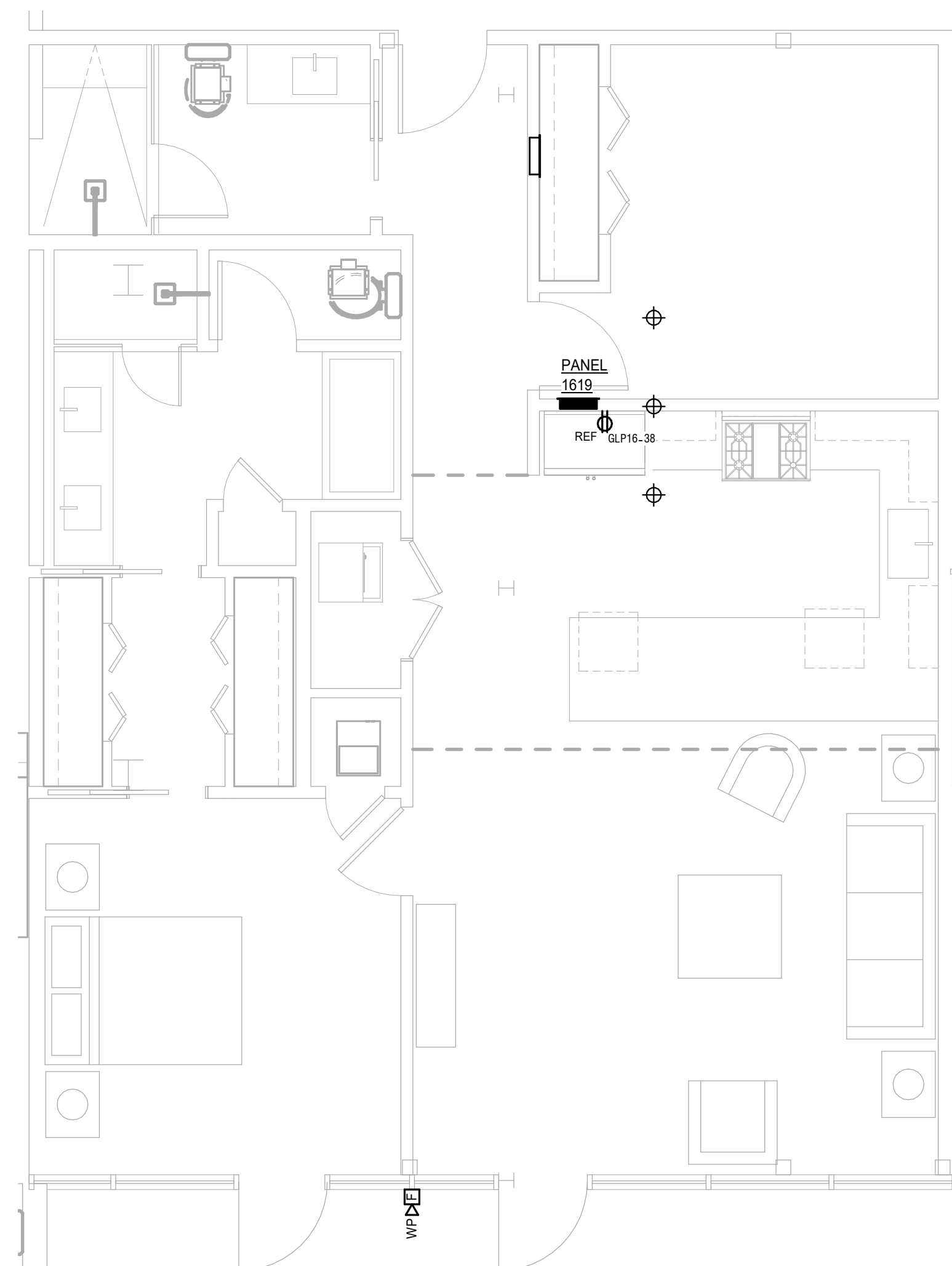
# 1 CONDOMINIUM 1617 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



## 2 CONDOMINIUM 1618 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



### 3 CONDOMINIUM 1619 ENLARGED ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

SHEET REFERENCE NOTES

**HARRY  
BAKER  
SMITH  
SA II  
ARCHITECTS II  
P L L C**

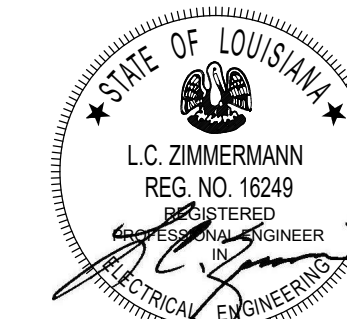
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SINCE 1961

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NEW ORLEANS, LOUISIANA

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[illegible]

ENLARGED ELECTRICAL  
PLANS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2014

MOSES  
FOURTEEN

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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

E4.12

SHEET REFERENCE NOTES



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1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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[illegible]

ENLARGED ELECTRICAL  
PLANS

PROJECT#: 1709  
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## E4.14

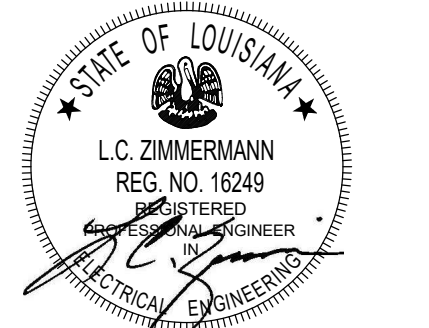
**MOSES**  
ENGINEERS

**CONSULTING ENGINEERS**  
909 Poydras Street, Suite 2150  
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HARD ROCK  
1031 CANAL STREET  
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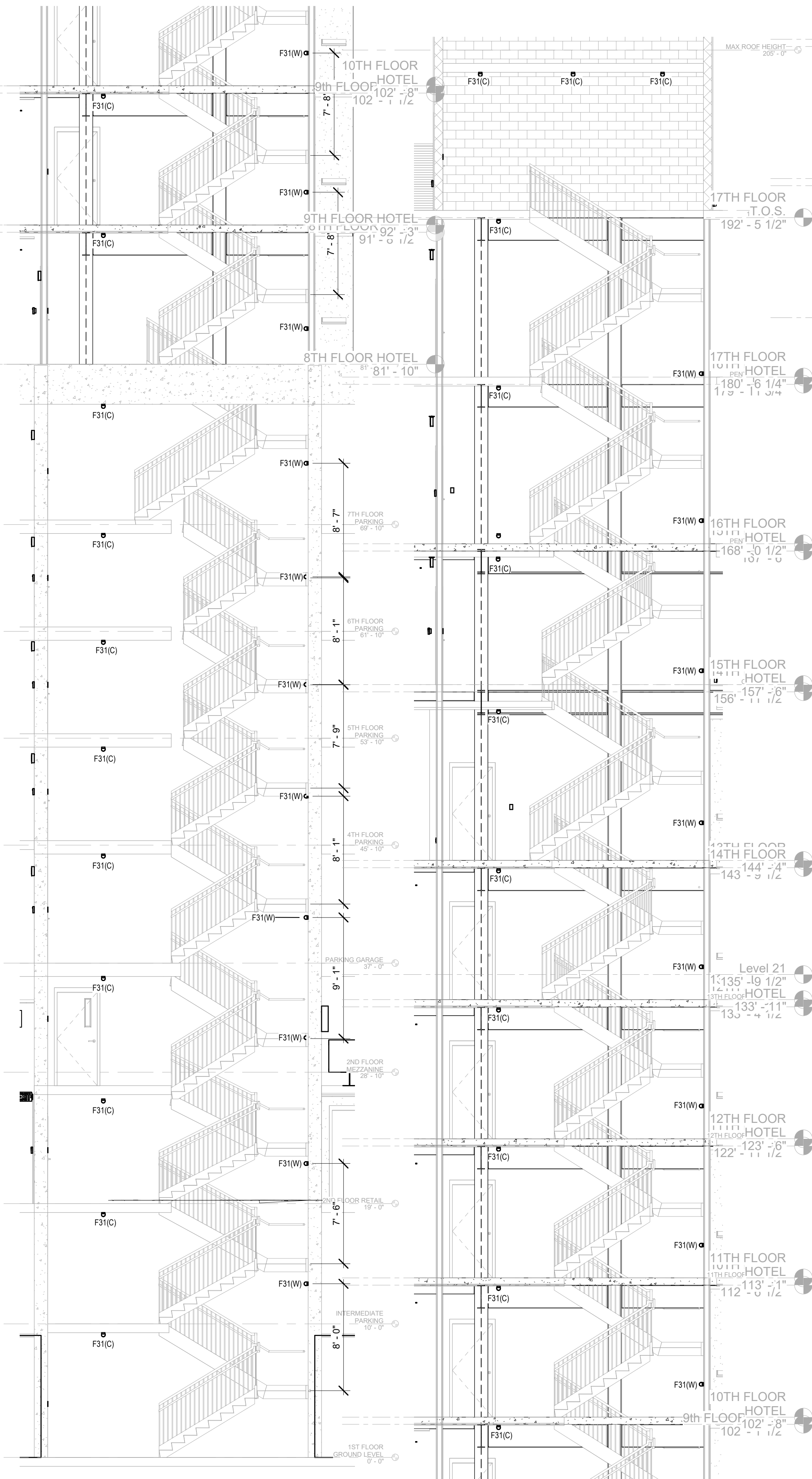
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[illegible]

ENLARGED ELECTRICAL  
PLANS

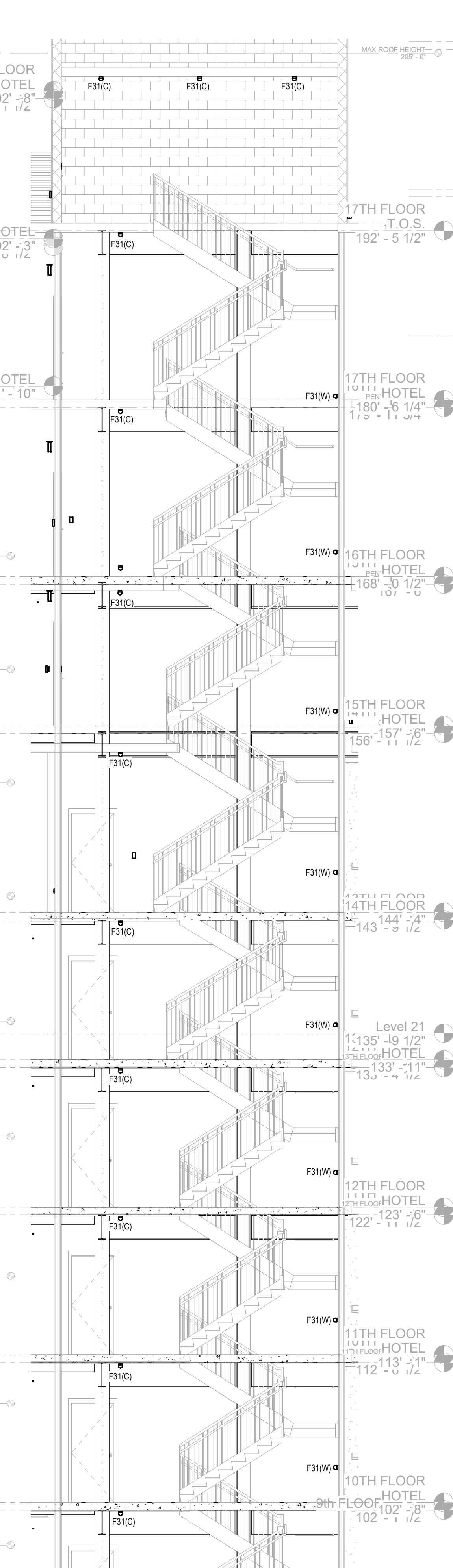
PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E4.15



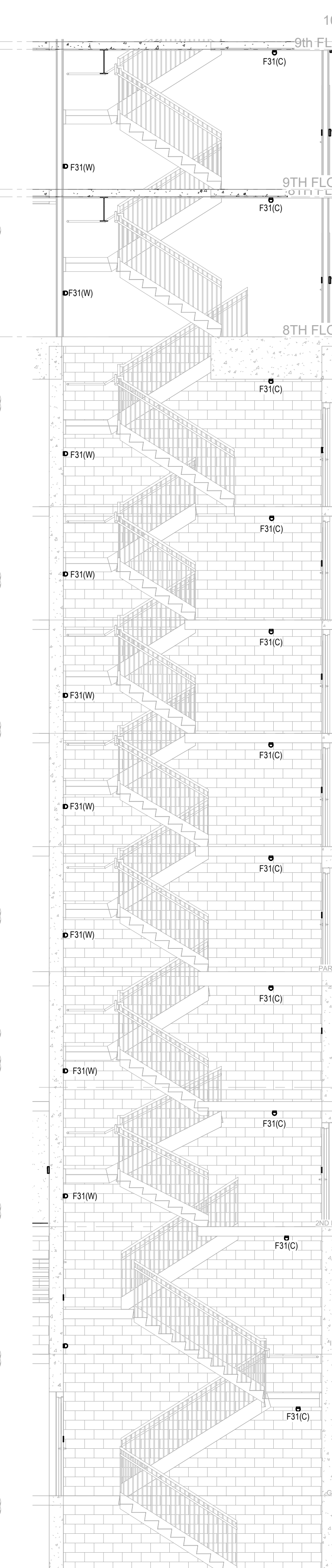
# 1 STAIR 1 - 1ST-9TH FLOORS - LIGHTING ELEVATION

SCALE: 3/16" = 1'-0"



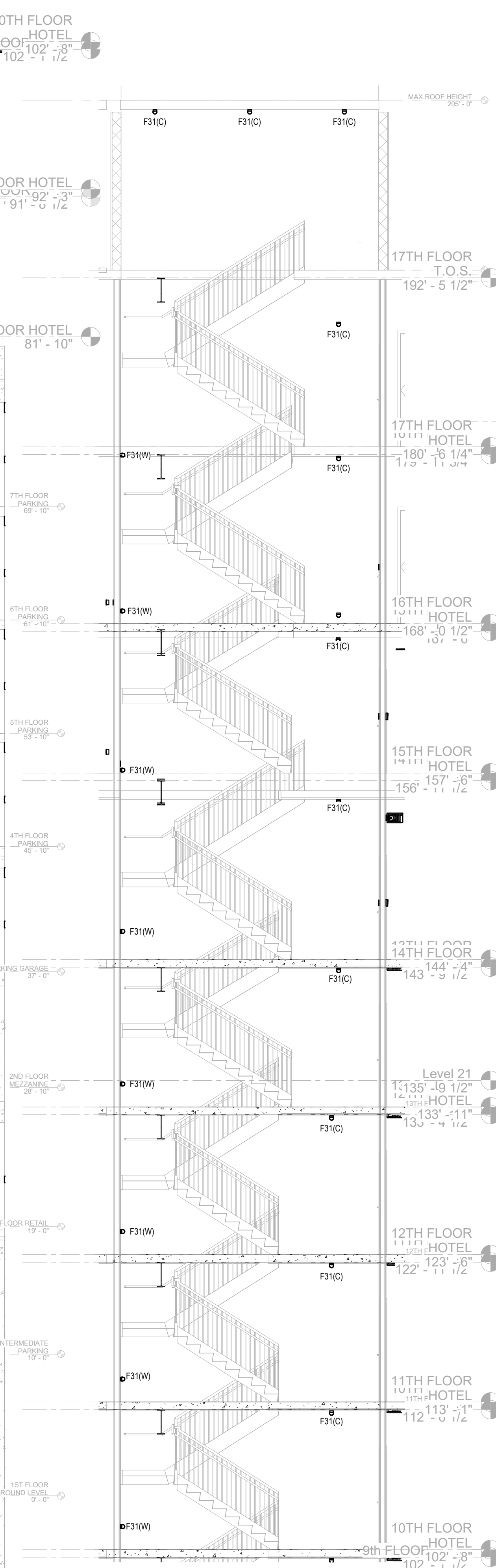
## 2 STAIR 1 - 10TH-18TH FLOORS - LIGHTING ELEVATION

SCALE: 3/16" = 1'-0"



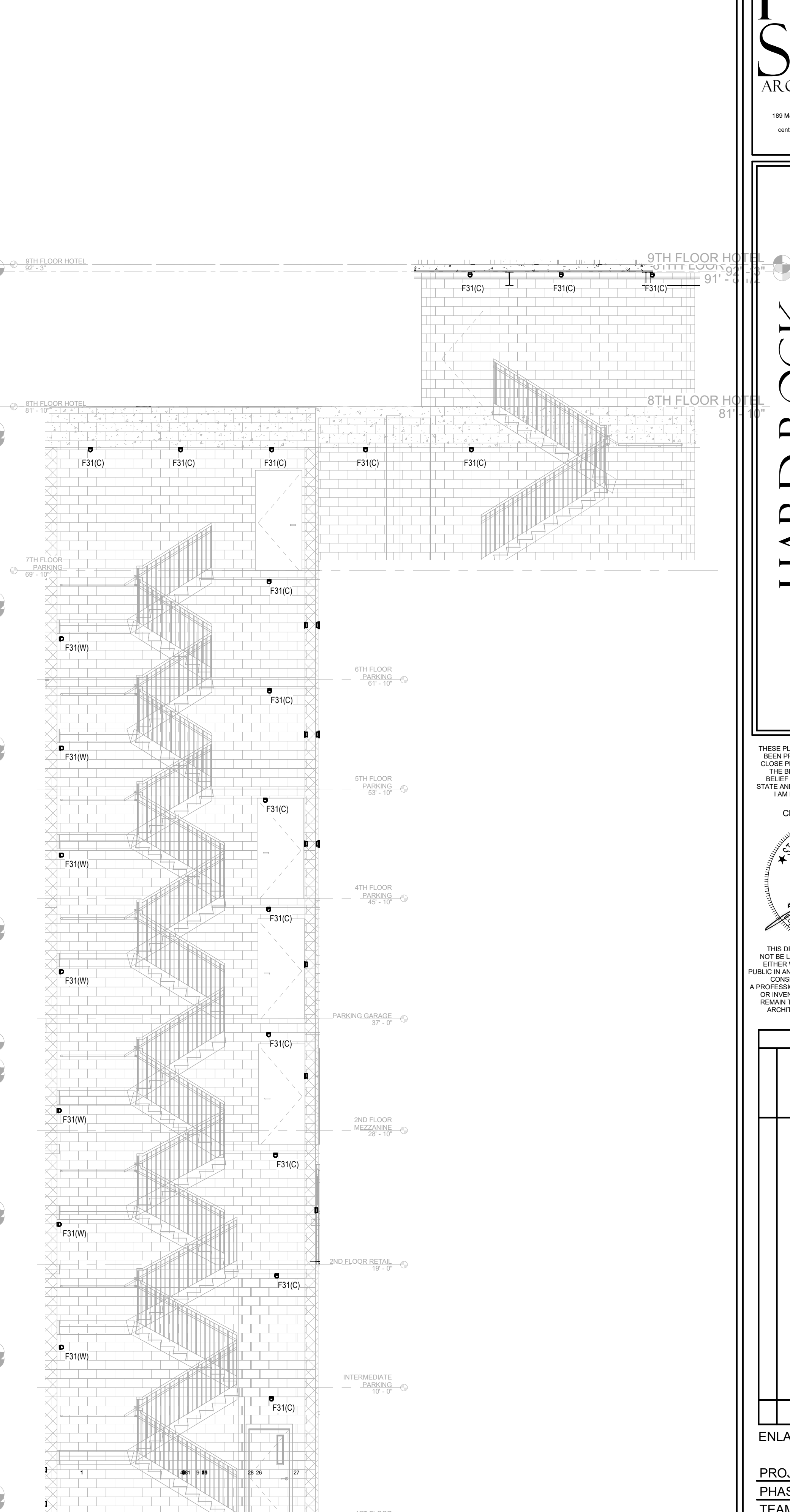
### 3 STAIR 2 - 1ST-9TH FLOORS - LIGHTING ELEVATION

SCALE: 3/16" = 1'-0"



## 4 STAIR 2 - 10TH-18TH FLOORS - LIGHTING ELEVATION

SCALE: 3/16" = 1'-0"



## 5 STAIR 3 - LIGHTING ELEVATION

SCALE: 3/16" = 1'-0"



ATS-E	480V	n/a	1200 A	1200 A	105413	120 KAIC
ATS-G	480V	n/a	400 A	400 A	6258	10 KAIC
EH1	480V	MLO	225 A	225 A	15750	22 KAIC
EH2A	480V	MLO	225 A	225 A	43488	65 KAIC
EH2B	480V	MLO	225 A	225 A	10463	14 KAIC
EH9	480V	MLO	225 A	225 A	36330	42 KAIC
EHDP	480V	MLO	1200 A	1200 A	105413	120 KAIC
EHR	480V	MLO	800 A	800 A	24414	42 KAIC
EL1	208V	MB	100 A	100 A	1854	10 KAIC
EL2A	208V	MB	225 A	150 A	3582	10 KAIC
EL2B	208V	MB	225 A	150 A	3217	10 KAIC
EL9	208V	MB	100 A	100 A	1908	10 KAIC
ELR	208V	MB	100 A	100 A	1887	10 KAIC
GLP1	208V	MLO	100 A	100 A	1748	10 KAIC
GLP3	208V	MB	100 A	100 A	1780	10 KAIC
GLP15	208V	MLO	225 A	225 A	3502	10 KAIC
GLP16	208V	MLO	225 A	225 A	3629	10 KAIC
GLP17	208V	MLO	225 A	225 A	3766	10 KAIC
GPR	208V	MLO	400 A	400 A	6001	10 KAIC
HDP2	480V	MLO	1000 A	1000 A	40696	42 KAIC
HDPR	480V	MB	3000 A	3000 A	91877	100 KAIC
HP1	480V	MLO	600 A	600 A	46888	65 KAIC
HP2A	480V	MLO	600 A	600 A	82410	100 KAIC
HP2B	480V	MLO	400 A	400 A	35264	42 KAIC
HP2C	480V	MLO	400 A	400 A	36299	42 KAIC
HP5	480V	MLO	225 A	225 A	81807	100 KAIC
HP8	480V	MLO	400 A	400 A	65385	100 KAIC
HP10	480V	MLO	400 A	400 A	62310	65 KAIC
HP12	480V	MLO	400 A	400 A	59494	65 KAIC
HP14	480V	MLO	200 A	225 A	56907	65 KAIC
HPR	480V	MLO	225 A	225 A	70439	100 KAIC
KL1PA	208V	MLO	225 A	225 A	7056	10 KAIC
KL1PB	208V	MLO	225 A	225 A	7056	10 KAIC
KL1P2	208V	MLO	150 A	150 A	3201	10 KAIC
KL1P2A	208V	MLO	225 A	225 A	8716	10 KAIC
KL1P2B	208V	MLO	225 A	225 A	8716	10 KAIC
KL1P4	208V	MLO	100 A	100 A	4813	10 KAIC
LDP1	208V	MB	800 A	800 A	10847	14 KAIC
LDP2A	208V	MB	800 A	800 A	11223	14 KAIC
LDP2B	208V	MB	800 A	800 A	10689	22 KAIC
LDP8	208V	MB	400 A	400 A	6648	10 KAIC
LDP10	208V	MB	400 A	400 A	6634	10 KAIC
LDP12	208V	MB	400 A	400 A	6620	10 KAIC
LDP14	208V	MB	400 A	400 A	6607	10 KAIC
LP1A	208V	MLO	225 A	225 A	9888	14 KAIC
LP1B	208V	MLO	225 A	225 A	3859	10 KAIC
LP1C	208V	MLO	225 A	225 A	3777	10 KAIC
LP1D	208V	MLO	225 A	225 A	4686	10 KAIC
LP1E	208V	MLO	225 A	225 A	3754	10 KAIC
LP1R	208V	MLO	150 A	150 A	3623	10 KAIC
LP2A	208V	MLO	225 A	225 A	9900	14 KAIC
LP2B	208V	MLO	225 A	225 A	9900	14 KAIC
LP2C	208V	MLO	225 A	225 A	10051	14 KAIC
LP2D	208V	MLO	225 A	225 A	4805	10 KAIC
LP2E	208V	MLO	225 A	225 A	4805	10 KAIC
LP2F	208V	MB	225 A	225 A	6287	10 KAIC
LP8A	208V	MLO	225 A	225 A	6047	10 KAIC
LP8B	208V	MLO	225 A	225 A	6047	10 KAIC
LP9C	208V	MLO	225 A	225 A	6047	10 KAIC
LP9D	208V	MLO	225 A	225 A	6047	10 KAIC
LP9E	208V	MLO	225 A	225 A	6047	10 KAIC
LP11A	208V	MLO	225 A	225 A	6035	10 KAIC
LP11B	208V	MLO	225 A	225 A	6035	10 KAIC
LP11C	208V	MLO	225 A	225 A	6035	10 KAIC
LP11D	208V	MLO	225 A	225 A	6035	10 KAIC
LP11E	208V	MLO	225 A	225 A	6035	10 KAIC
LP13A	208V	MLO	225 A	225 A	6023	10 KAIC
LP13B	208V	MLO	225 A	225 A	6023	10 KAIC
LP13C	208V	MLO	225 A	225 A	6023	10 KAIC
LP13D	208V	MLO	225 A	225 A	6023	10 KAIC
LP13E	208V	MLO	225 A	225 A	6023	10 KAIC
LP14A	208V	MLO	225 A	225 A	6012	10 KAIC
LP14B	208V	MLO	225 A	225 A	6012	10 KAIC
LP14C	208V	MLO	225 A	225 A	6012	10 KAIC
LP14E	208V	MLO	225 A	225 A	4685	10 KAIC
LPR	208V	MB	400 A	400 A	6733	10 KAIC
MC-15A	208V		800 A	800 A	11260	14 KAIC
MC-15B	208V		800 A	800 A	11260	14 KAIC
MC-16A	208V		800 A	800 A	11236	14 KAIC
MC-16B	208V		800 A	800 A	11236	14 KAIC
MC-17A	208V		800 A	800 A	11213	14 KAIC
MC-17B	208V		800 A	800 A	11213	14 KAIC
MSA	Not Used		4000 A	4000 A	143789	150 KAIC
MSB	Not Used		4000 A	4000 A	143789	150 KAIC

FEEDER SCHEDULE 3-PHASE, 4-WIRE		
TYPE	COPPER CONDUCTORS	ALUMINUM CONDUCTORS
15-3N	4#12, 1#12(G), 3/4" C	N/A
20-3N	4#12, 1#12(G), 3/4" C	N/A
25-3N	4#10, 1#10(G), 3/4" C	N/A
30-3N	4#10, 1#10(G), 3/4" C	N/A
35-3N	4#8, 1#10(G), 3/4" C	N/A
40-3N	4#8, 1#10(G), 3/4" C	N/A
45-3N	4#8, 1#10(G), 3/4" C	N/A
50-3N	4#8, 1#10(G), 3/4" C	N/A
60-3N	4#6, 1#10(G), 1" C	N/A
70-3N	4#4, 1#8(G), 1-1/4" C	N/A
80-3N	4#4, 1#8(G), 1-1/4" C	N/A
90-3N	4#3, 1#8(G), 1-1/4" C	N/A
100-3N	4#3, 1#8(G), 1-1/4" C	4#1, 1#8(G), 1-1/2" C
110-3N	4#2, 1#6(G), 1-1/4" C	4#1/0, 1#6(G), 2" C
125-3N	4#1, 1#6(G), 1-1/2" C	4#2/0, 1#6(G), 2" C
150-3N	4#1/0, 1#6(G), 2" C	4#3/0, 1#6(G), 2" C
175-3N	4#2/0, 1#6(G), 2" C	4#4/0, 1#6(G), 2-1/2" C
200-3N	4#3/0, 1#6(G), 2" C	4#250, 1#6(G), 2-1/2" C
225-3N	4#4/0, 1#4(G), 2-1/2" C	4#300, 1#4(G), 2-1/2" C
250-3N	4#250, 1#4(G), 2-1/2" C	4#350, 1#4(G), 3" C
300-3N	4#350, 1#4(G), 3" C	4#500, 1#4(G), 3-1/2" C
350-3N	4#400, 1#3(G), 3" C	2 SETS OF 4#4/0, 1#3(G), 2-1/2" C
400-3N	4#500, 1#3(G), 3-1/2" C	2 SETS OF 4#250, 1#3(G), 2-1/2" C
500-3N	2 SETS OF 4#250, 1#2(G), 2-1/2" C	2 SETS OF 4#350, 1#2(G), 3" C
600-3N	2 SETS OF 4#350, 1#1(G), 3" C	2 SETS OF 4#500, 1#1(G), 3-1/2" C
700-3N	2 SETS OF 4#400, 1#1/0(G), 3" C	3 SETS OF 4#300, 1#1/0(G), 2-1/2" C
800-3N	2 SETS OF 4#500, 1#1/0(G), 3-1/2" C	3 SETS OF 4#400, 1#1/0(G), 3" C
1000-3N	3 SETS OF 4#400, 1#2/0(G), 3" C	4 SETS OF 4#350, 1#2/0(G), 3" C
1200-3N	4 SETS OF 4#350, 1#3/0(G), 3" C	4 SETS OF 4#500, 1#3/0(G), 3-1/2" C
1600-3N	5 SETS OF 4#400, 1#4/0(G), 3" C	6 SETS OF 4#400, 1#4/0(G), 3" C
2000-3N	6 SETS OF 4#400, 1#4/0(G), 3" C	6 SETS OF 4#600, 1#4/0(G), 4" C
2500-3N	6 SETS OF 4#600, 1#350(G), 4" C	10 SETS OF 4#350, 1#350(G), 3" C
3000-3N	8 SETS OF 4#500, 1#400(G), 3-1/2" C	10 SETS OF 4#500, 1#400(G), 3-1/2" C
4000-3N	12 SETS OF 4#400, 1#500(G), 4" C	12 SETS OF 4#600, 1#500(G), 4" C

FEEDER SCHEDULE 3-PHASE, 3-WIRE (NO NEUTRAL) AND 1-PHASE, 3-WIRE			
TYPE		COPPER CONDUCTORS	ALUMINUM CONDUCTORS
15-3	15-2N	3#12, 1#12(G), 3/4" C	N/A
20-3	20-2N	3#12, 1#12(G), 3/4" C	N/A
25-3	25-2N	3#10, 1#10(G), 3/4" C	N/A
30-3	30-2N	3#10, 1#10(G), 3/4" C	N/A
35-3	35-2N	3#8, 1#10(G), 3/4" C	N/A
40-3	40-2N	3#8, 1#10(G), 3/4" C	N/A
45-3	45-2N	3#8, 1#10(G), 3/4" C	N/A
50-3	50-2N	3#8, 1#10(G), 3/4" C	N/A
60-3	60-2N	3#6, 1#10(G), 1" C	N/A
70-3	70-2N	3#4, 1#8(G), 1-1/4" C	N/A
80-3	80-2N	3#4, 1#8(G), 1-1/4" C	N/A
90-3	90-2N	3#3, 1#8(G), 1-1/4" C	N/A
100-3	100-2N	3#3, 1#8(G), 1-1/4" C	3#1, 1#8(G), 1-1/2" C
110-3	110-2N	3#2, 1#6(G), 1-1/4" C	3#1/0, 1#6(G), 2" C
125-3	125-2N	3#1, 1#6(G), 1-1/2" C	3#2/0, 1#6(G), 2" C
150-3	150-2N	3#1/0, 1#6(G), 2" C	3#3/0, 1#6(G), 2" C
175-3	175-2N	3#2/0, 1#6(G), 2" C	3#4/0, 1#6(G), 2-1/2" C
200-3	200-2N	3#3/0, 1#6(G), 2" C	3#250, 1#6(G), 2-1/2" C
225-3	225-2N	3#4/0, 1#4(G), 2-1/2" C	3#300, 1#4(G), 2-1/2" C
250-3	250-2N	3#250, 1#4(G), 2-1/2" C	3#350, 1#4(G), 3" C
300-3	300-2N	3#350, 1#4(G), 3" C	3#500, 1#4(G), 3-1/2" C
350-3	350-2N	3#400, 1#3(G), 3" C	2 SETS OF 3#4/0, 1#3(G), 2-1/2" C
400-3	400-2N	3#500, 1#3(G), 3-1/2" C	2 SETS OF 3#250, 1#3(G), 2-1/2" C
500-3	500-2N	2 SETS OF 3#250, 1#2(G), 2-1/2" C	2 SETS OF 3#350, 1#2(G), 3" C
600-3	600-2N	2 SETS OF 3#350, 1#1(G), 3" C	2 SETS OF 3#500, 1#1(G), 3-1/2" C
700-3	700-2N	2 SETS OF 3#400, 1#1/0(G), 3" C	3 SETS OF 3#300, 1#1/0(G), 2-1/2" C
800-3	800-2N	2 SETS OF 3#500, 1#1/0(G), 3-1/2" C	3 SETS OF 3#400, 1#1/0(G), 3" C
1000-3	1000-2N	3 SETS OF 3#400, 1#2/0(G), 3" C	4 SETS OF 3#350, 1#2/0(G), 3" C
1200-3	1200-2N	4 SETS OF 3#350, 1#3/0(G), 3" C	4 SETS OF 3#500, 1#3/0(G), 3-1/2" C
1600-3	1600-2N	5 SETS OF 3#400, 1#4/0(G), 3" C	6 SETS OF 3#400, 1#4/0(G), 3" C
2000-3	2000-2N	6 SETS OF 3#400, 1#4/0(G), 3" C	6 SETS OF 3#600, 1#4/0(G), 4" C
2500-3	2500-2N	6 SETS OF 3#600, 1#350(G), 4" C	10 SETS OF 3#350, 1#350(G), 3" C
3000-3	3000-2N	8 SETS OF 3#500, 1#400(G), 3-1/2" C	10 SETS OF 3#500, 1#400(G), 3-1/2" C
4000-3	4000-2N	12 SETS OF 3#400, 1#500(G), 3" C	12 SETS OF 3#600, 1#500(G), 4" C

METER CENTER SCHEDULE										
METER CENTER NAME	CALCULATED DEMAND	MAIN RATING AND MAIN CIRCUIT BREAKER SIZE	METER OUTPUT CIRCUIT BREAKERS REQUIRED							
			2P 100A	2P 125A	2P 150A	2P 175A	2P 200A	2P 225A		
'MC-15A'	195 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	9	---	1	---		
'MC-15B'	229 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	12	---	---			
'MC-16A'	217 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	8	---	2	1		
'MC-16B'	217 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	8	---	1	1		
'MC-17A'	217 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	7	---	2	1		
'MC-17B'	217 KVA	208Y120V, 3PH, 4W 800A MCB	---	---	8	---	1	1		


**GENERAL NOTES:**

1. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 70 2014 EDITION AND ALL APPLICABLE LOCAL ORDINANCES.

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**POWER RISER DIAGRAMS**

**REFERENCE NOTES:**



1. BUS CORD ENTRANCE INTO UTILITY VAULT. COORDINATE ENTIRE INSTALLATION WITH ENERGY PRIOR TO COMMENCEMENT OF WORK.
2. FIRE PUMP FEEDERS SHALL BE PROTECTED IN ACCORDANCE WITH NEC ARTICLE 695.
3. COORDINATE WITH GENERATOR ANNUNCIATOR CONDUCTORS. PROVIDE CONDUCTORS PER ATS MANUFACTURER TO FIRE COMMAND CENTER FOR ATS MONITORING AND CONTROL.
4. PROVIDE CONDUCTORS FOR GENERATOR MONITORING POINTS PER NFPA 101. ROUTE TO GENERATOR ANNUNCIATOR IN FIRE COMMAND CENTER. COORDINATE CONDUCTOR REQUIREMENTS WITH GENERATOR MANUFACTURER.
5. HARMONIC MITIGATING TRANSFORMER.
6. 4 #1, 1 #6G AND 1 #6 ISOLATED GROUND IN 2".

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ARCHITECTS II  
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**HARD ROCK**  
**1031 CANAL STREET**  
**NEW ORLEANS, LOUISIANA**

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\_\_\_\_\_  
CERTIFIED CORRECT

\_\_\_\_\_  
STATE OF LOUISIANA

L.C. ZIMMERMAN  
REG. NO. 16249  
REGISTERED  
PROFESSIONAL CIVIL ENGINEER

\_\_\_\_\_  
ARCHITECT

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POWER RISER DIAGRAM  
SCHEDULES AND NOTES

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

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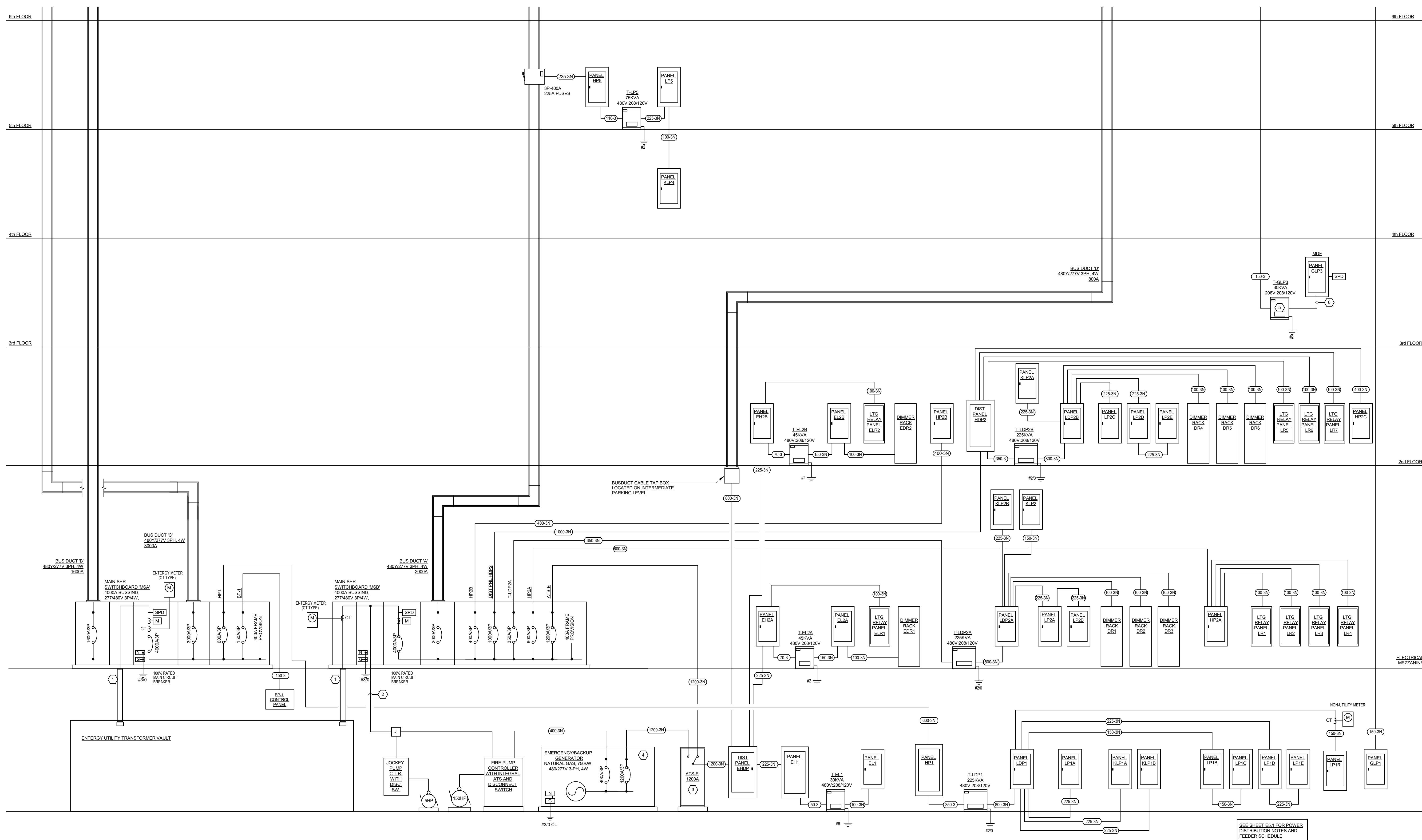
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POWER RISER DIAGRAM  
PART 1

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E5.2

FOR CONTINUATION SEE E5.3



SEE SHEET E5.1 FOR POWER  
DISTRIBUTION NOTES AND  
FEEDER SCHEDULE

# 1 POWER RISER DIAGRAM - PART 1

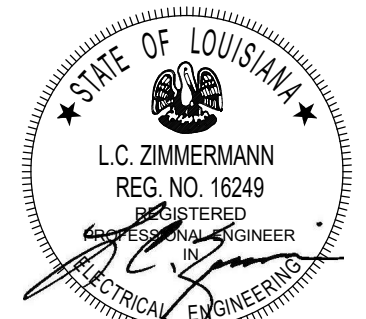
**MOSES**  
ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

HARD ROCK  
1031 CANAL STREET  
NEW ORLEANS, LOUISIANA

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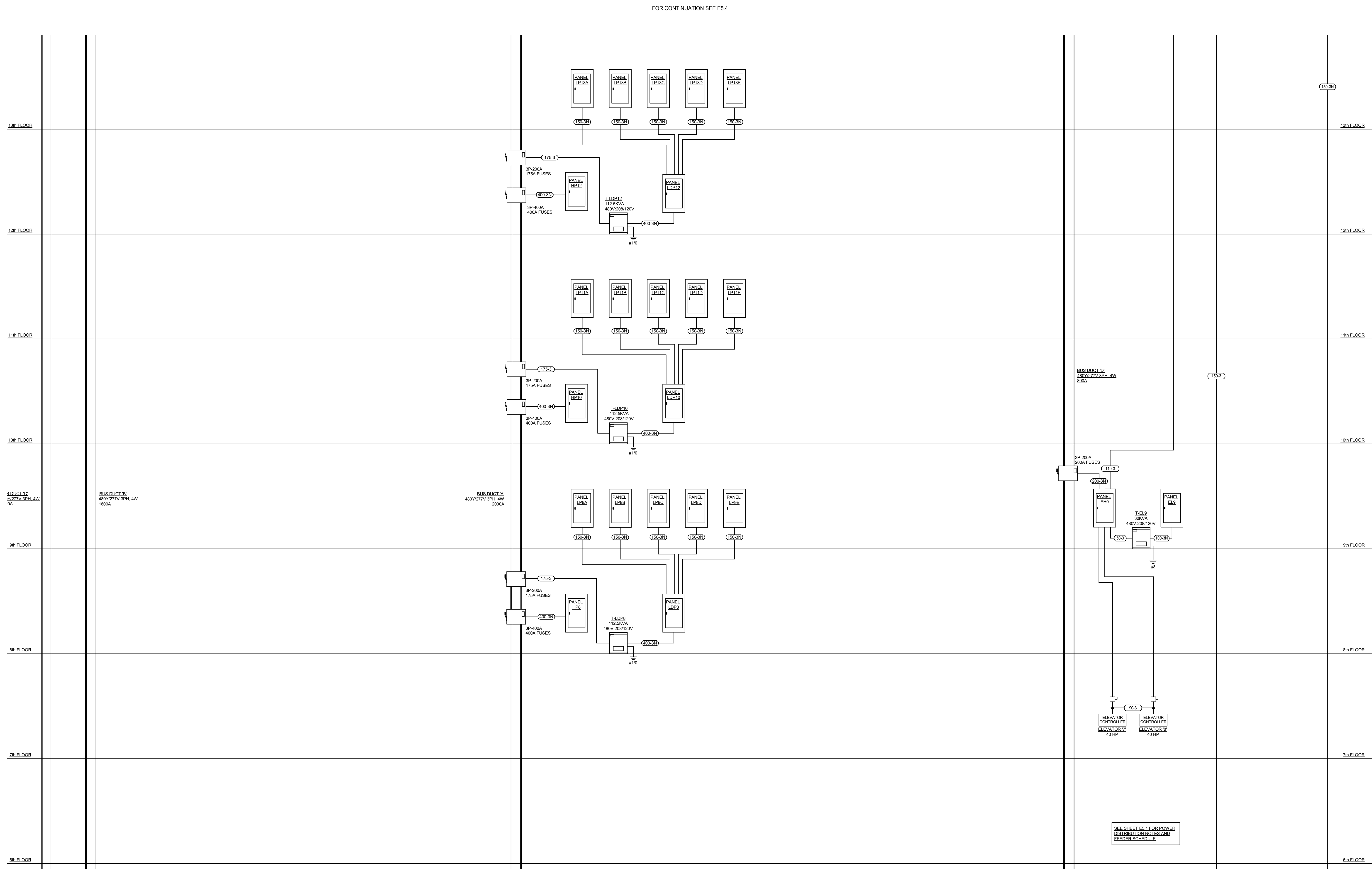
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[illegible]POWER RISER DIAGRAM  
PART 2

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

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Moses Job#: 2017-022

## E5.3



FOR CONTINUATION SEE E5.4

FOR CONTINUATION SEE E5.2

# 1 POWER RISER DIAGRAM - PART 2

SCALE: N.T.S.

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PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E5.4



SCALE: N.T.S.

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Moses Job#: 2017-022



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CLOSE PERSONAL SUPERVISION AND TO  
THE BEST OF MY KNOWLEDGE AND  
BELIEF THEY COMPLY WITH ALL CITY,  
STATE AND FEDERAL REQUIREMENTS, AND  
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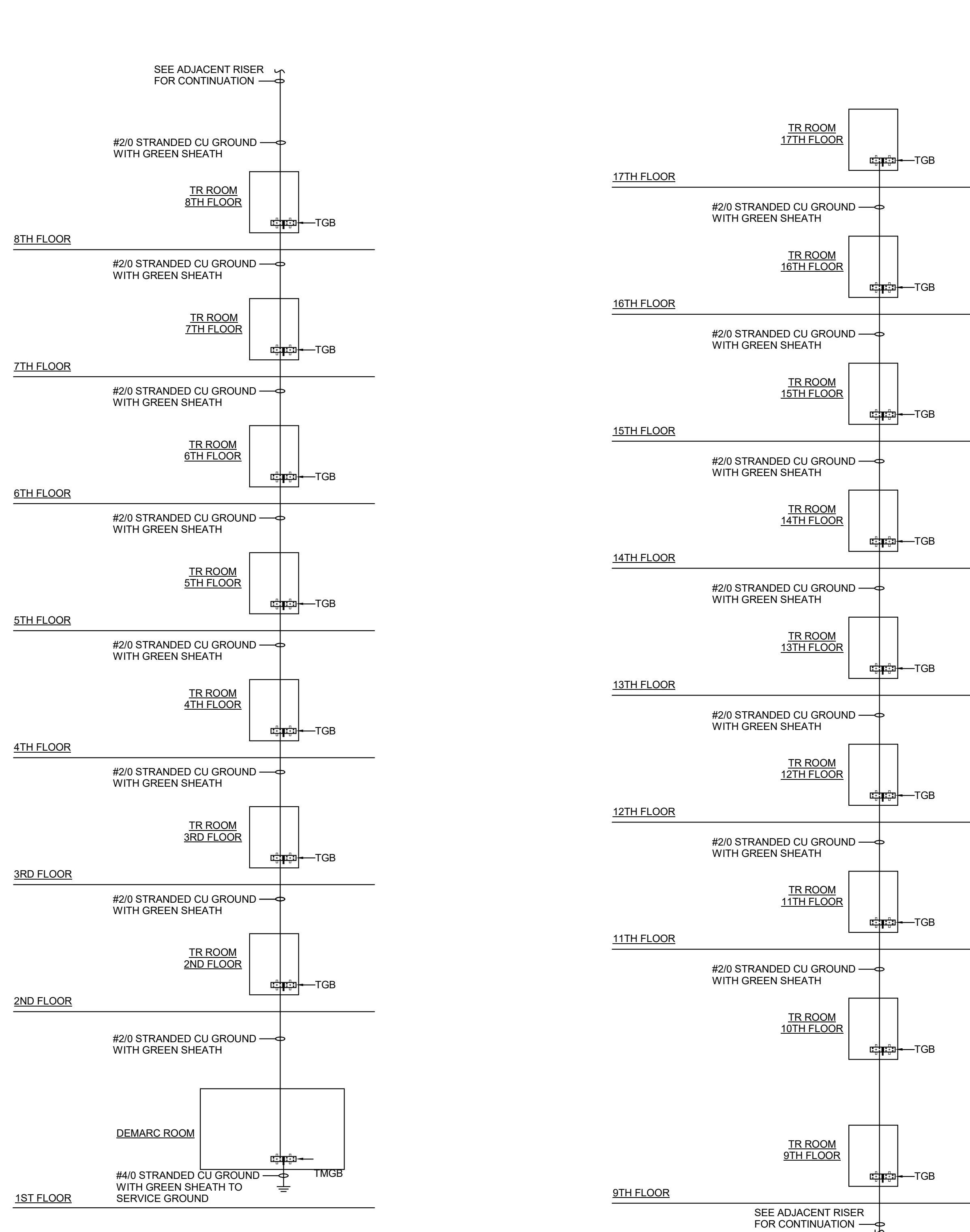
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GROUNDING AND  
RACEWAY RISER DIAGRAM  
- TELECOMMUNICATIONS  
PROJECT# 1709

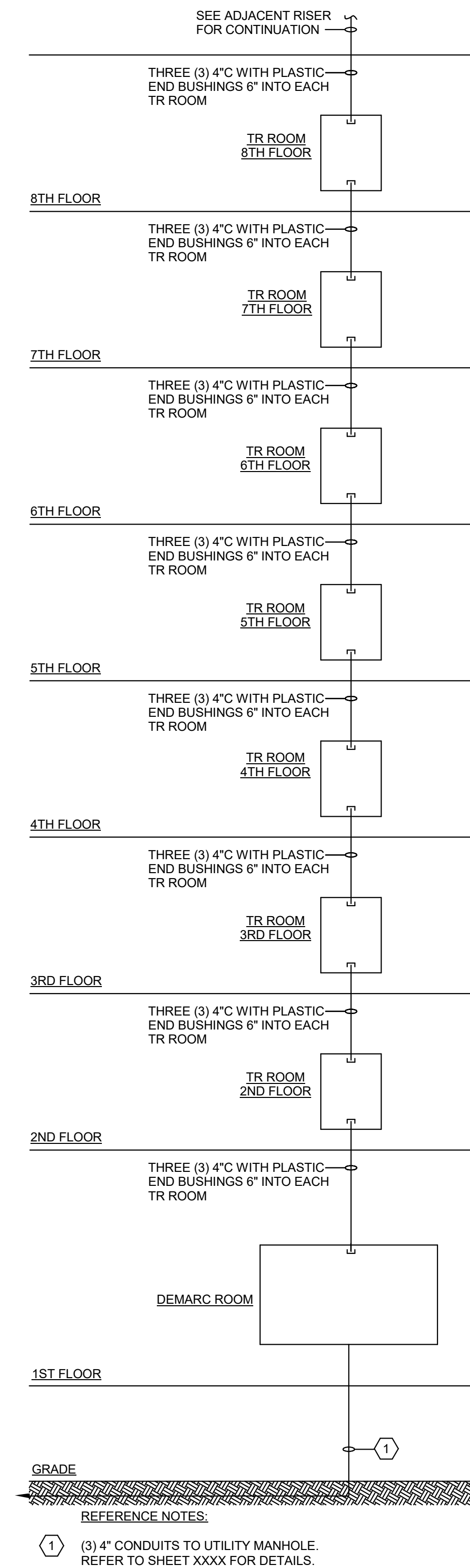
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CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

## E5.5



GENERAL NOTES:

- A. TELECOMMUNICATIONS GROUNDING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH TIA/EIA 607.
- B. GROUNDING CONDUCTORS SHALL BE INSTALLED WITHOUT SPLICES



#### REFERENCE NOTES:

- 1 (3) 4" CONDUITS TO UTILITY MANHOLE  
REFER TO SHEET XXXX FOR DETAILS.

## 1 GROUNDING AND RACEWAY RISER DIAGRAM - TELECOMMUNICATIONS

SCALE: N.T.S.

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

PANEL LP1R													
LOCATION: Space 425 SUPPLY SOURCE: LDP1 VOLTAGE: 120/208 Wye BUS: 50 A MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIES: MLO													
BRANCHES: BOLT-ON POLES: 30 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIES: MLO													
SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR													
AVAILABLE AIC: 3623 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED													
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	RETAIL RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	720	540			20 A	1-#12, 1-#12, 1-#12	RETAIL RECEPTACLES	2	
3	RETAIL RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	300		15 A	2-#12, 1-#12, 1-#12	FCU 1-3	4	
5	APARTMENT RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			900	300	--	--	--	6	
7	APARTMENT BATHRM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	100			20 A	1-#12, 1-#12, 1-#12	APARTMENT EXHAUST FAN	8	
9	APARTMENT REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		1200	360		20 A	1-#12, 1-#12, 1-#12	APARTMENT KITCHEN RECEPTACLES	10	
11	APARTMENT RANGE	2-#6, 1-#6, 1-#10	50 A	2			4150	1200	1	20 A	1-#12, 1-#12, 1-#12	APARTMENT DISHWASHER	12
13					4150	180			20 A	1-#12, 1-#12, 1-#12	APARTMENT KITCHEN RECEPTACLES	14	
15	CU 1-3	2-#10, 1-#10, 1-#10	30 A	2		2247			25 A	2-#10, 1-#10, 1-#10	CU 1.5-1/FCU 1.5.1	16	
17							2247	1881				18	
19	FIRST FLOOR EXHAUST FAN	1-#12, 1-#12, 1-#12	20 A	1	528	0			1	20 A	SPARE	20	
21	SUPPLY FAN SF 1-5.1	1-#12, 1-#12, 1-#12	20 A	1		528	0		1	20 A	SPARE	22	
23	SPARE	--	20 A	1			0	0	1	20 A	SPARE	24	
25	SPARE	--	20 A	1	0	0			1	20 A	SPARE	26	
27	SPARE	--	20 A	1	0	0			1	20 A	SPARE	28	
29	SPARE	--	20 A	1			0	0	1	20 A	SPARE	30	
TOTAL LOAD (VA):					6398					10677			
TOTAL CURRENT (A):					53					90			
NOTES:													
TOTAL CONNECTED LOAD: 24129 VA													
TOTAL CONNECTED CURRENT: 67 A													
ESTIMATED DEMAND LOAD: 23058 VA													
ESTIMATED DEMAND CURRENT: 64 A													

PANEL LP1C

LOCATION:  
SUPPLY SOURCE: LDP1  
VOLTAGE: 120/208 Wye  
BUS: 225 A  
MAINS RATING: 225 A  
MAINS TYPE: MLO

BRANCHES: BOLT-ON  
POLES: 42  
MOUNTING: Surface  
ENCLOSURE: Type 1  
ACCESSORIE...  
SHUNT TRIP MAIN CB  
SERVICE ENTRANCE RATED  
UL LISTED FEED-THROUGH LUGS  
UL LISTED SUB-FEED LUGS  
ISOLATED GROUND BAR

AVAILABLE AIC: 3777  
AIC RATING: 10 KAIC  
SERIES RATED  
X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	FRONT OFFICE MANAGER RECEP	1-#10, 1-#10, 1-#10	20 A	1	900	1440		1	20 A	1-#8, 1-#8, 1-#8	TELEVISIONS BY CHECK-IN	2	
3	WORK AREA 110 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		180	960		1	20 A	1-#12, 1-#12, 1-#12	TELEVISIONS BY ROCK SHOP	4
5	WORK AREA 110 RECEPTACLES	1-#10, 1-#10, 1-#10	20 A	1			720	400	1	20 A	1-#12, 1-#12, 1-#12	AV RECEPTACLE AT CHECK-IN	6
7	FILE RM/CORRIDOR RECEPTACLES	1-#10, 1-#10, 1-#10	20 A	1	1080	480		1	20 A	1-#12, 1-#12, 1-#12	LOBBY DIGITAL SIGNAGE	8	
9	STAR SERVICES RECEPTACLES	1-#10, 1-#10, 1-#10	20 A	1		720	480	1	20 A	1-#12, 1-#12, 1-#12	TELEVISION IN SESSIONS	10	
11	MAIN LOBBY/CHECK-IN RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	12
13	MAIN LOBBY/CHECK-IN RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	360	0		1	20 A	--	SPARE	14	
15	MAIN LOBBY/CHECK-IN RECEPTACLES	1-#10, 1-#10, 1-#10	20 A	1		900	0	1	20 A	--	SPARE	16	
17	CHECK-IN COUNTER FLOOR BOX	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	18
19	CONCIERGE COUNTER FLOOR BOX	1-#12, 1-#12, 1-#12	20 A	1	180	0		1	20 A	--	SPARE	20	
21	ROCK SHOP RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	0	1	20 A	--	SPARE	22	
23	ROCK SHOP RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	0	1	20 A	--	SPARE	24
25	RECEPTACLES-MISC ROOMS	1-#12, 1-#12, 1-#12	20 A	1	900	0		1	20 A	--	SPARE	26	
27	HOSTESS STATION FLOOR BOX	1-#12, 1-#12, 1-#12	20 A	1		180	0	1	20 A	--	SPARE	28	
29	DISPLAY FLOOR BOX	1-#12, 1-#12, 1-#12	20 A	1			180	0	1	20 A	--	SPARE	30
31	PETARDS/SESSION RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	540	0		1	20 A	--	SPARE	32	
33	SESSION RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		720	0	1	20 A	--	SPARE	34	
35	SESSION RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			720	0	1	20 A	--	SPARE	36
37	SESSION RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	540	0		1	20 A	--	SPARE	38	
39	SESSION RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	0	1	20 A	--	SPARE	40	
41	HANDICAP LIFT	1-#10, 1-#10, 1-#10	20 A	1			1200	0	1	20 A	--	SPARE	42
TOTAL LOAD (VA):					6420					5220			
TOTAL CURRENT (A):					54					44			
TOTAL CONNECTED LOAD: 16120 VA										NOTES:			
TOTAL CONNECTED CURRENT: 45 A													
ESTIMATED DEMAND LOAD: 15990 VA													
ESTIMATED DEMAND CURRENT: 44 A													

PANEL LP1D

LOCATION: Space 429

SUPPLY SOURCE: LDP1

VOLTAGE: 120/208 Wye

BUS: 225 A

MAINS RATING: 225 A

MAINS TYPE: MLO

BRANCHES: BOLT-ON

POLES: 42

MOUNTING: Surface

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

☒ UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC: 4686

AIC RATING: 10 KAIC

SERIES RATED

☒ FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	BOH CORRIDOR RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	900							2
3	CONDO ENTRANCE RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		900						4
5	CONDO ENTRANCE DOOR	1-#12, 1-#12, 1-#12	20 A	1			696					6
7	CONDO ENTRANCE FLOOR BOXES	1-#12, 1-#12, 1-#12	20 A	1	540							8
9	FRONT OFFICE WORK RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		720						10
11	FRONT OFFICE WORK RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			540					12
13	PEARL RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	360							14
15	PEARL TELEVISIONS	1-#12, 1-#12, 1-#12	20 A	1		960						16
17	PEARL TELEVISIONS	1-#12, 1-#12, 1-#12	20 A	1			960					18
19	BAR ENTRANCE DOOR	1-#12, 1-#12, 1-#12	20 A	1	696							20
21	AV EQUIPMENT RACK	1-#12, 1-#12, 1-#12	20 A	1		1000						22
23	AV EQUIPMENT RACK	1-#12, 1-#12, 1-#12	20 A	1			1000					24
25	AV EQUIPMENT RACK	1-#12, 1-#12, 1-#12	20 A	1	1000							26
27	AV EQUIPMENT RACK	1-#12, 1-#12, 1-#12	20 A	1		1000						28
29	AV EQUIPMENT RACK	1-#12, 1-#12, 1-#12	20 A	1			1000					30
31												32
33												34
35	ELEVATOR PIT RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360					36
37	ELEV SUMP PUMP ESP-1	3-#12, 1-#12, 1-#12	15 A	3	576							38
39	--	--	--	--		576						40
41	--	--	--	--			576					42
TOTAL LOAD (VA):					4072		5132					
TOTAL CURRENT (A):					34		44					
NOTES:												
TOTAL CONNECTED LOAD: 14360 VA												
TOTAL CONNECTED CURRENT: 40 A												
ESTIMATED DEMAND LOAD: 14360 VA												
ESTIMATED DEMAND CURRENT: 40 A												

PANEL HP1													
LOCATION: ELECT. 143 SUPPLY SOURCE: MSA VOLTAGE: 480/277 Wye BUS: 600 A MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIES: MLO													
BRANCHES: BOLT-ON POLES: 60 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIES: MLO													
SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR													
AVAILABLE AIC: 46688 AIC RATING: 65 KAIC SERIES RATED X FULLY RATED													
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	LOADING DOCK OVERHEAD DOOR	3-#12, 1-#12, 1-#12	15 A	3	1330	0		1	20 A	--	SPARE	2	
3	--	--	--	--		1330	0	1	20 A	--	SPARE	4	
5	--	--	--	--			1330	0	1	20 A	--	SPARE	6
7	PARKING GARAGE OVERHEAD DOOR	3-#12, 1-#12, 1-#12	15 A	3	1330	0		1	20 A	--	SPARE	8	
9	--	--	--	--		1330	0	1	20 A	--	SPARE	10	
11	--	--	--	--			1330	0	1	20 A	--	SPARE	12
13	LOADING DOCK OVERHEAD DOOR	3-#12, 1-#12, 1-#12	20 A	3	1330	0		1	20 A	--	SPARE	14	





PANEL LP2A																			
LOCATION: ELECTRIC MEZZ IP 103 SUPPLY SOURCE: LDP2A VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO					BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...:					<div><div><div>SHUNT TRIP MAIN CB</div><div>SERVICE ENTRANCE RATED</div><div>UL LISTED FEED-THROUGH LUGS</div><div>UL LISTED SUB-FEED LUGS</div><div>ISOLATED GROUND BAR</div></div></div>					<div><div>AVAILABLE AIC: 9900</div><div>AIC RATING: 14 KAIC</div><div>SERIES RATED</div><div>X FULLY RATED</div></div>				
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#							
1	MENS ROOM HAND DRYER	1-#10, 1-#10, 1-#10	20 A	1	924	0		1	20 A	--	SPARE	2							
3	MENS ROOM HAND DRYER	1-#10, 1-#10, 1-#10	20 A	1		924	0		1	20 A	--	SPARE	4						
5	WOMENS ROOM HAND DRYER	1-#8, 1-#8, 1-#8	20 A	1			924	0	1	20 A	--	SPARE	6						
7	WOMENS ROOM HAND DRYER	1-#8, 1-#8, 1-#8	20 A	1	924	0			1	20 A	--	SPARE	8						
9	RESTROOM RECEPTACES	1-#10, 1-#10, 1-#10	20 A	1		540	0		1	20 A	--	SPARE	10						
11	PREFUNCTION RECEPTACES	1-#10, 1-#10, 1-#10	20 A	1			720	0	1	20 A	--	SPARE	12						
13	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1	360				1	20 A	--	SPARE	14						
15	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	16						
17	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	18						
19	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1	360	0			1	20 A	--	SPARE	20						
21	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1		720	0		1	20 A	--	SPARE	22						
23	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1			180	0	1	20 A	--	SPARE	24						
25	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1	540	0			1	20 A	--	SPARE	26						
27	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1		540	0		1	20 A	--	SPARE	28						
29	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	30						
31	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1	540	0			1	20 A	--	SPARE	32						
33	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1		360	800		1	20 A	1-#10, 1-#10, 1-#10	CIRCULATION AV RECEPTACES	34						
35	BALLRM/MEETING RM MONITORS	1-#12, 1-#12, 1-#12	20 A	1			960	720	1	20 A	1-#12, 1-#12, 1-#12	BALLRM/MEETING RM AV RECEPTS	36						
37	BALLRM/MEETING RM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1	540	760			1	20 A	1-#12, 1-#12, 1-#12	BALLRM/MEETING RM AV RECEPTS	38						
39	PREFUNCTION ROOM SIGNAGE	1-#12, 1-#12, 1-#12	20 A	1			960	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	40						
41	PREFUNCTION RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1			720	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	42						
43	PREFUNCTION RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	44						
45	PREFUNCTION RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1		360	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	46						
47	ELECTRIC WATER COOLER	1-#10, 1-#10, 1-#10	20 A	1			720	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	48						
49	ELECTRIC WATER COOLER	1-#12, 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	50						
51	STORAGE ROOM RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1		720	1200		1	20 A	1-#10, 1-#10, 1-#10	PREFUNCTION FOOD WARMERS	52						
53	OFFICE RECEPTACES	1-#10, 1-#10, 1-#10	20 A	1			900	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMERS	54						
55	OFFICE RECEPTACES	1-#8, 1-#8, 1-#8	20 A	1	1080	1200			1	20 A	1-#10, 1-#10, 1-#10	PREFUNCTION FOOD WARMERS	56						
57	OFFICE RECEPTACES	1-#8, 1-#8, 1-#8	20 A	1		1080	1200		1	20 A	1-#10, 1-#10, 1-#10	PREFUNCTION FOOD WARMERS	58						
59	OFFICE RECEPTACES	1-#10, 1-#10, 1-#10	20 A	1			720	480	1	20 A	1-#12, 1-#12, 1-#12	DIGITAL SIGN BY RESTROOMS	60						
61	OFFICE RECEPTACES	1-#12, 1-#12, 1-#12	20 A	1	720	360			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION OPERATIONS PANEL	62						
63	FOOD & BEV COPY AREA RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	64						
65	FOOD & BEV COPY AREA RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			360	540	1	20 A	1-#12, 1-#12, 1-#12	RESTROOM/JC RECEPTACES	66						
67	FOOD & BEV COPY AREA RECEPTS	1-#12, 1-#12, 1-#12	20 A	1	180	760			1	20 A	1-#12, 1-#12, 1-#12	BALLRM/MEETING RM AV RECEPTS	68						
69	FOOD & BEV COPY AREA RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		180	760		1	20 A	1-#12, 1-#12, 1-#12	BALLRM/MEETING RM AV RECEPTS	70						
71	SPARE	--	20 A	1				0	360	1	20 A	1-#12, 1-#12, 1-#12	BALLRM/MEETING RM AV RECEPTS	72					
73	SPARE	--	20 A	1	0	1333				1	20 A	1-#10, 1-#10, 1-#10	AV RACK	74					
75	SPARE	--	20 A	1			0	1333		1	20 A	1-#10, 1-#10, 1-#10	AV RACK	76					
77	SPARE	--	20 A	1				0	1333	1	20 A	1-#10, 1-#10, 1-#10	AV RACK	78					
79	SPARE	--	20 A	1	0	1333				1	20 A	1-#10, 1-#10, 1-#10	AV RACK	80					
81	SPARE	--	20 A	1			0	1333		1	20 A	1-#10, 1-#10, 1-#10	AV RACK	82					
83	SPARE	--	20 A	1				0	1333	1	20 A	1-#10, 1-#10, 1-#10	AV RACK	84					
TOTAL LOAD (VA):					15754	16130	15290												
TOTAL CURRENT (A):					132	135	127												
TOTAL CONNECTED LOAD: 47174 VA					NOTES:														
TOTAL CONNECTED CURRENT: 131 A																			
ESTIMATED DEMAND LOAD: 39154 VA																			
ESTIMATED DEMAND CURRENT: 109 A																			

PANEL LP2C																
LOCATION: ELEC. CLOS. 8020 SUPPLY SOURCE: LDP2B VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO					BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...					SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR					AVAILABLE AIC: 10051 AIC RATING: 14 KAIC SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#				
1	MEETING RM 203 FLOOR BOXES	1-#12, 1-#12, 1-#12	20 A	1	360	0		1	20 A	--	SPARE	2				
3	MEETING RM 203 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		720	0		1	20 A	--	SPARE	4			
5	MEETING RM 203 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	0	1	20 A	--	SPARE	6			
7	MEETING RM 204 FLOOR BOXES	1-#12, 1-#12, 1-#12	20 A	1	360	0			1	20 A	--	SPARE	8			
9	MEETING RM 204 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	0		1	20 A	--	SPARE	10			
11	MEETING RM 204 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	0	1	20 A	--	SPARE	12			
13	MEETING RM AV RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	400	0			1	20 A	--	SPARE	14			
15	MEETING RM AV RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		400	0		1	20 A	--	SPARE	16			
17	MEETING ROOM SIGNAGE	1-#12, 1-#12, 1-#12	20 A	1			960	0	1	20 A	--	SPARE	18			
19	MEETING ROOM SIGNAGE	1-#12, 1-#12, 1-#12	20 A	1	960	0			1	20 A	--	SPARE	20			
21	PREFUNCTION AV OPERATION PANEL	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	22			
23	BALLROOM LOBBY RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	0	1	20 A	--	SPARE	24			
25	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1	360	0			1	20 A	--	SPARE	26			
27	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	28			
29	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	30			
31	BALLRM/MEETING RM FLOORBOXES	1-#12, 1-#12, 1-#12	20 A	1	360	0			1	20 A	--	SPARE	32			
33	BALLRM/MEETING ROOM MONITORS	1-#12, 1-#12, 1-#12	20 A	1		960	0		1	20 A	--	SPARE	34			
35	BALLRM/MEETING ROOM MONITORS	1-#10, 1-#10, 1-#10	20 A	1			960	0	1	20 A	--	SPARE	36			
37	BALLRM/MEETING RM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	540	0			1	20 A	--	SPARE	38			
39	BALLRM/MEETING RM RECEPTSS	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	40			
41	BALLRM/MEETING RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	42			
43	BALLRM/MEETING RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1	540	0			1	20 A	--	SPARE	44			
45	BALLRM/MEETING RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		540	756		1	20 A	1-#12, 1-#12, 1-#12	2ND FLOOR BACKBAR REFRIGERATOR	46			
47	BALLRM/MEETING RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			360	756	1	20 A	1-#10, 1-#10, 1-#10	2ND FLOOR BACKBAR REFRIGERATOR	48			
49	CORRIDOR/BOH RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	540	360			1	20 A	1-#12, 1-#12, 1-#12	2ND FLOOR BAR POS	50			
51	BALLRM/MEETING RM AV RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		720	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	52			
53	BALLRM/MEETING RM AV RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			720	1200	1	20 A	1-#10, 1-#10, 1-#10	PREFUNCTION FOOD WARMER	54			
55	BALLRM/MEETING RM AV RECEPTS	1-#12, 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#10, 1-#10, 1-#10	PREFUNCTION FOOD WARMER	56			
57	BALLRM/MEETING RM AV RECEPTS	1-#10, 1-#10, 1-#10	20 A	1		720	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	58			
59	BALLRM/MEETING RM AV RECEPTS	1-#12, 1-#12, 1-#12	20 A	1			360	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	60			
61	BALLRM/MEETING RM AV RECEPTS	1-#10, 1-#10, 1-#10	20 A	1	800	1200			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	62			
63	BALLRM/MEETING RM AV RECEPTS	1-#12, 1-#12, 1-#12	20 A	1		400	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	64			
65	BALLROOM LOBBY RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	66			
67	BALLROOM LOBBY RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	68			
69	BALLROOM LOBBY RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	70			
71	BALLROOM LOBBY RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	72			
73	SPARE	--	20 A	1	0	1333			1	20 A	1-#10, 1-#10, 1-#10	AV RACK	74			
75	SPARE	--	20 A	1		0	1333		1	20 A	1-#10, 1-#10, 1-#10	AV RACK	76			
77	SPARE	--	20 A	1			0	1333	1	20 A	1-#10, 1-#10, 1-#10	AV RACK	78			
79	SPARE	--	20 A	1	0	1333			1	20 A	1-#10, 1-#10, 1-#10	AV RACK	80			
81	SPARE	--	20 A	1		0	1333		1	20 A	1-#10, 1-#10, 1-#10	AV RACK	82			
83	SPARE	--	20 A	1			0	1333	1	20 A	1-#10, 1-#10, 1-#10	AV RACK	84			
TOTAL LOAD (VA):					13286	14842	14822									
TOTAL CURRENT (A):					111	126	125									
TOTAL CONNECTED LOAD: 42950 VA													NOTES:			
TOTAL CONNECTED CURRENT: 119 A																
ESTIMATED DEMAND LOAD: 36735 VA																
ESTIMATED DEMAND CURRENT: 102 A																



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PANEL HP5

LOCATION: ENGINEERING 502

SUPPLY SOURCE: MSB

VOLTAGE: 480/277 Wye

BUS: 225 A

MAINS RATING: 225 A

MAINS TYPE: MLO

BRANCHES: BOLT-ON

POLES: 30

MOUNTING: Surface

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC: 81807

AIC RATING: 100 KAIC

SERIES RATED

☒ FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	FAN COIL UNIT FCU 5-1	1-#8, 1-#8, 1-#10	40 A	1	7864	0		1	20 A	--	SPARE	2		
3	FAN COIL UNIT FCU 6-1	1-#12, 1-#12, 1-#12	20 A	1		3864	0		1	20 A	--	SPARE	4	
5	FAN COIL UNIT FCU 6-2	1-#12, 1-#12, 1-#12	20 A	1			3864	0	1	20 A	--	SPARE	6	
7	FAN COIL UNIT FCU 7-1	1-#12, 1-#12, 1-#12	20 A	1	3864	0			1	20 A	--	SPARE	8	
9	FAN COIL UNIT FCU 7-2	1-#12, 1-#12, 1-#12	20 A	1		3864	0			1	20 A	--	SPARE	10
11								0	1	20 A	--	SPARE	12	
13					0				1	20 A	--	SPARE	14	
15						0			1	20 A	--	SPARE	16	
17							0	1	20 A	--	SPARE	18		
19					0			--	--	--	PROVISION	20		
21						0		--	--	--	-	22		
23							0	--	--	--	-	24		
25	XFMR T-LP5/PANELS KLP4 & LP5	3-#2, 1-#2, 1-#6	110 A	3	16781	0		--	--	--	PROVISION	26		
27	--	--	--	--		16974	0	--	--	--	-	28		
29	--	--	--	--			16397	0	--	--	-	30		
TOTAL LOAD (VA):					28509	24702	20261							
TOTAL CURRENT (A):					105	92	73							

TOTAL CONNECTED LOAD: 73471 VA

TOTAL CONNECTED CURRENT: 88 A

ESTIMATED DEMAND LOAD: 57039 VA

ESTIMATED DEMAND CURRENT: 69 A

NOTES:

PANEL GLP3														
LOCATION: MDF 307 SUPPLY SOURCE: T-GLP3 VOLTAGE: 120/208 Wye BUS: 100 A MAINS RATING: 100 A MAINS TYPE: MB				BRANCHES: BOLT-ON POLES: 30 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input checked="" type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 1780 AIC RATING: 10 KAIC SERIES RATED <input checked="" type="checkbox"/> FULLY RATED		
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE		DESCRIPTION	CKT#	
1	AV RACK	1-#12, 1-#12, 1-#12	20 A	1	1000	1875		1	20 A	1-#12, 1-#12, 1-#12	IT RACK		2	
3	AV RACK	1-#12, 1-#12, 1-#12	20 A	1		1000	1875		1	20 A	1-#10, 1-#10, 1-#10	IT RACK	4	
5	AV RACK	1-#12, 1-#12, 1-#12	20 A	1				1000	1875	1	20 A	1-#10, 1-#10, 1-#10	IT RACK	6
7	AV RACK	1-#12, 1-#12, 1-#12	20 A	1	1000	1875				1	20 A	1-#10, 1-#10, 1-#10	IT RACK	8
9	IT RACK	1-#10, 1-#10, 1-#10	20 A	1			1875	1875		1	20 A	1-#10, 1-#10, 1-#10	IT RACK	10
11	IT RACK	1-#10, 1-#10, 1-#10	20 A	1				1875	1875	1	20 A	1-#10, 1-#10, 1-#10	IT RACK	12
13	SPARE	--	20 A	1	0	0			1	20 A	--	SPARE	14	
15	SPARE	--	20 A	1		0	125		2	15 A	2-#12, 1-#12, 1-#12	FCU 3-3	16	
17	SPARE	--	20 A	1				0	125	--	--	--	18	
19	CU 1-1/AC 1-1	2-#12, 1-#12, 1-#12	15 A	2	658	125			2	15 A	2-#12, 1-#12, 1-#12	FCU 3-4	20	
21	--	--	--	--	--	658	125		--	--	--	--	22	
23	CU 2-1/AC 2-1	2-#8, 1-#8, 1-#8	20 A	2				1523	1631	2	30 A	2-#8, 1-#8, 1-#8	CU 3-3	24
25	--	--	--	--	1523	1631			--	--	--	--	26	
27	CU 2-2/AC 2-2	2-#10, 1-#10, 1-#10	15 A	2		1107	1631		2	20 A	2-#8, 1-#8, 1-#8	CU 3-4	28	
29	--	--	--	--				1107	1631	--	--	--	30	
TOTAL LOAD (VA):					9686	10270	12640							
TOTAL CURRENT (A):					81	86	106							
TOTAL CONNECTED LOAD: 32595 VA TOTAL CONNECTED CURRENT: 90 A ESTIMATED DEMAND LOAD: 28095 VA ESTIMATED DEMAND CURRENT: 78 A							NOTES:							

PANEL LP5														
LOCATION: ENGINEERING 502 SUPPLY SOURCE: T-LP5 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MB				BRANCHES: BOLT-ON POLES: 60 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6287 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED		
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	ELEV LOBBY RECEPTS - FLRS 3-7	1-#8, 1-#8, 1-#8	20 A	1	1080	540		1	20 A	1-#12, 1-#12, 1-#12	ENGINEERING RECEPTACLES	2		
3	PARKING GARAGE RECEPTS - FLRS...	1-#8, 1-#8, 1-#8	20 A	1		900	360	1	20 A	1-#12, 1-#12, 1-#12	ENGINEERING RECEPTACLES	4		
5	PARKING GARAGE RECEPTS - FLRS...	1-#12, 1-#12, 1-#12	20 A	1				900	900	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	6
7	PARKING GARAGE RECEPTS - FLRS...	1-#8, 1-#8, 1-#8	20 A	1	1080	900		1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	8		
9	PARKING GARAGE RECEPTS - FLRS...	1-#8, 1-#8, 1-#8	20 A	1		1080	540	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	10		
11	ELEV LOBBY RECEPTS - FLRS 3-7	1-#10, 1-#10, 1-#10	20 A	1				900	540	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	12
13	PARKING GARAGE RECEPTS - FLRS...	1-#8, 1-#8, 1-#8	20 A	1	1440	720		1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	14		
15	RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			540	900	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	16	
17	WATER HEATER RM RECEPTS	1-#12, 1-#12, 1-#12	20 A	1				540	900	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	18
19	6TH FLOOR STORAGE RECEPTS	1-#12, 1-#12, 1-#12	20 A	1	180	360		1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	20		
21	WATER SOFTENER	1-#12, 1-#12, 1-#12	20 A	1		180	360	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	22		
23	WATER SOFTENER	1-#12, 1-#12, 1-#12	20 A	1			180	360	1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	24	
25	WATER SOFTENER	1-#12, 1-#12, 1-#12	20 A	1	180	540		1	20 A	1-#12, 1-#12, 1-#12	3RD FLOOR RECEPTACLES	26		
27	GAS FIRED WATER HEATER	1-#12, 1-#12, 1-#12	20 A	1		1200	0	1	20 A	--	SPARE	28		
29	GAS FIRED WATER HEATER	1-#12, 1-#12, 1-#12	20 A	1			1200	0	1	20 A	--	SPARE	30	
31	GAS FIRED WATER HEATER	1-#12, 1-#12, 1-#12	20 A	1	1200	0		1	20 A	--	SPARE	32		
33	GAS FIRED WATER HEATER	1-#12, 1-#12, 1-#12	20 A	1		1200	0	1	20 A	--	SPARE	34		
35	RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	36	
37	7TH FLOOR RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	180	0		1	20 A	--	SPARE	38		
39	7TH FLOOR RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	0	1	20 A	--	SPARE	40		
41	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	42	
43	SPARE	--	20 A	1	0	0		1	20 A	--	SPARE	44		
45	SPARE	--	20 A	1		0	0	1	20 A	--	SPARE	46		
47	SPARE	--	20 A	1			0	133	2	15 A	2-#12, 1-#12, 1-#12	FCU 7-3	48	
49	SPARE	--	20 A	1	0	133		--	--	--	--	--	50	
51	SPARE	--	20 A	1		0	1523		2	20 A	2-#8, 1-#8, 1-#8	CU 7-3	52	
53	SPARE	--	20 A	1			0	1523	--	--	--	--	54	
55	SPARE	--	20 A	1	0	8248		3	100 A	3-#3, 1-#3, 1-#8	PANEL KLP4	56		
57	SPARE	--	20 A	1		0	7652		--	--	--	--	58	
59	SPARE	--	20 A	1				0	7961	--	--	--	60	
TOTAL LOAD (VA):					16781	16974	16397							
TOTAL CURRENT (A):					140	142	137							
TOTAL CONNECTED LOAD: 50151 VA TOTAL CONNECTED CURRENT: 139 A ESTIMATED DEMAND LOAD: 38383 VA ESTIMATED DEMAND CURRENT: 107 A								NOTES:						

PANEL HP8														
LOCATION: Space 375 SUPPLY SOURCE: MSB VOLTAGE: 480/277 Wye BUS: 400 A MAINS RATING: 400 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 65385 AIC RATING: 100 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED		
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	FCU ROOMS 801 THRU 810	3-#10, 1-#10, 1-#10	30 A	3	5728	2621			3	15 A	3-#12, 1-#12, 1-#12	FAN COIL UNIT FCU 8-1	2	
3	--	--	--	--	--	5728	2621	--	--	--	--	--	4	
5	--	--	--	--	--	--			--	--	--	--	6	
7	FCU ROOMS 812 THRU 820	3-#10, 1-#10, 1-#10	30 A	3	4773	0			1	20 A	--	SPARE	8	
9	--	--	--	--	--	4773	0		1	20 A	--	SPARE	10	
11	--	--	--	--	--	--	4773	0	1	20 A	--	SPARE	12	
13	FCU ROOMS 822 THRU 832	3-#10, 1-#10, 1-#10	30 A	3	5728	5728			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 901 THRU 910	14	
15	--	--	--	--	--	5728	5728	--	--	--	--	--	16	
17	--	--	--	--	--		5728	5728	--	--	--	--	18	
19	FCU ROOMS 834 THRU 844	3-#10, 1-#10, 1-#10	30 A	3	4773	4773			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 912 THRU 920	20	
21	--	--	--	--	--	4773	4773	--	--	--	--	--	22	
23	--	--	--	--	--		4773	4773	--	--	--	--	24	
25	FCU ROOMS 846 THRU 854	3-#10, 1-#10, 1-#10	30 A	3	4773	5728			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 922 THRU 932	26	
27	--	--	--	--	--		4773	5728	--	--	--	--	28	
29	--	--	--	--	--			4773	5728	--	--	--	30	
31	FCU ROOMS 856 THRU 864	3-#10, 1-#10, 1-#10	30 A	3	4773	5728			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 934 THRU 944	32	
33	--	--	--	--	--		4773	5728	--	--	--	--	34	
35	--	--	--	--	--			4773	5728	--	--	--	36	
37	FCU ROOMS 866 THRU 8008	3-#10, 1-#10, 1-#10	30 A	3	2864	4773			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 946 THRU 954	38	
39	--	--	--	--	--		2864	4773	--	--	--	--	40	
41	--	--	--	--	--			2864	4773	--	--	--	42	
43	FCU ROOMS 883 THRU 891	3-#10, 1-#10, 1-#10	30 A	3	5728	3819			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 956 THRU 962	44	
45	--	--	--	--	--	5728	3819	--	--	--	--	--	46	
47	--	--	--	--	--			5728	3819	--	--	--	48	
49	FCU ROOMS 803, 819 THRU 827	3-#10, 1-#10, 1-#10	30 A	3	5728	4773			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 964 THRU 968	50	
51	--	--	--	--	--	5728	4773	--	--	--	--	--	52	
53	--	--	--	--	--			5728	4773	--	--	--	54	
55	FCU ROOM 9001, 9002	3-#12, 1-#12, 1-#12	20 A	3	1909	4773			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 984, 937 THRU 941	56	
57	--	--	--	--	--		1909	4773	--	--	--	--	58	
59	--	--	--	--	--			1909	4773	--	--	--	60	
61	SPARE	--	20 A	1	0	5728			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 983, 985 THRU 991	62	
63	SPARE	--	20 A	1			0	5728	--	--	--	--	64	
65	SPARE	--	20 A	1				0	5728	--	--	--	66	
67	SPARE	--	20 A	1	0	5728			3	30 A	3-#10, 1-#10, 1-#10	FCU ROOMS 937, 919 THRU 927	68	
69	SPARE	--	20 A	1			0	5728	--	--	--	--	70	
71	SPARE	--	20 A	1				0	5728	--	--	--	72	
73	SPARE	--	20 A	1	0	0			--	--	--	PROVISION	74	
75	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	76	
77	SPARE	--	20 A	1				0	0	--	--	PROVISION	78	
79	SPARE	--	20 A	1	0	0			--	--	--	PROVISION	80	
81	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	82	
83	SPARE	--	20 A	1				0	0	--	--	PROVISION	84	
TOTAL LOAD (VA):					100952		100952		100952					
TOTAL CURRENT (A):					364		364		364					
TOTAL CONNECTED LOAD: 302856 VA														
TOTAL CONNECTED CURRENT: 364 A														
ESTIMATED DEMAND LOAD: 242285 VA														
ESTIMATED DEMAND CURRENT: 291 A														
NOTES:														

PANEL LP9A													
LOCATION: Space 145 SUPPLY SOURCE: LDP8 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6047 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	GUEST ROOM 801 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 824 LIGHTING/RECEPTS	2
3	GUEST ROOM 801 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 824 LIGHTING/RECEPTS	4
5	GUEST ROOM 801 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 824 BATHRM RECEPTS	6
7	GUEST ROOM 802 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 826 LIGHTING/RECEPTS	8
9	GUEST ROOM 802 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 826 LIGHTING/RECEPTS	10
11	GUEST ROOM 802 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 826 BATHRM RECEPTS	12
13	GUEST ROOM 803 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 828 LIGHTING/RECEPTS	14
15	GUEST ROOM 803 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 828 LIGHTING/RECEPTS	16
17	GUEST ROOM 803 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 828 BATHRM RECEPTS	18
19	GUEST ROOM 804 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 830 LIGHTING/RECEPTS	20
21	GUEST ROOM 804 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 830 LIGHTING/RECEPTS	22
23	GUEST ROOM 804 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 830 BATHRM RECEPTS	24
25	GUEST ROOM 806 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 832 LIGHTING/RECEPTS	26
27	GUEST ROOM 806 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 832 LIGHTING/RECEPTS	28
29	GUEST ROOM 806 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 832 BATHRM RECEPTS	30
31	GUEST ROOM 808 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 834 LIGHTING/RECEPTS	32
33	GUEST ROOM 808 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 834 LIGHTING/RECEPTS	34
35	GUEST ROOM 808 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 834 BATHRM RECEPTS	36
37	GUEST ROOM 810 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 836 LIGHTING/RECEPTS	38
39	GUEST ROOM 810 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 836 LIGHTING/RECEPTS	40
41	GUEST ROOM 810 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 836 BATHRM RECEPTS	42
43	GUEST ROOM 812 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 838 LIGHTING/RECEPTS	44
45	GUEST ROOM 812 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 838 LIGHTING/RECEPTS	46
47	GUEST ROOM 812 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 838 BATHRM RECEPTS	48
49	GUEST ROOM 814 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 840 LIGHTING/RECEPTS	50
51	GUEST ROOM 814 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 840 LIGHTING/RECEPTS	52
53	GUEST ROOM 814 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 840 BATHRM RECEPTS	54
55	GUEST ROOM 816 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 842 LIGHTING/RECEPTS	56
57	GUEST ROOM 816 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 842 LIGHTING/RECEPTS	58
59	GUEST ROOM 816 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 842 BATHRM RECEPTS	60
61	GUEST ROOM 818 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 844 LIGHTING/RECEPTS	62
63	GUEST ROOM 818 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 844 LIGHTING/RECEPTS	64
65	GUEST ROOM 818 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 844 BATHRM RECEPTS	66
67	GUEST ROOM 820 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 846 LIGHTING/RECEPTS	68
69	GUEST ROOM 820 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 846 LIGHTING/RECEPTS	70
71	GUEST ROOM 820 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 846 BATHRM RECEPTS	72
73	GUEST ROOM 822 BATHRM RECEPTS	--	20 A	1	290	290			1	20 A	--	GUEST ROOM 848 LIGHTING/RECEPTS	74
75	GUEST ROOM 822 LIGHTING/RECEPTS	--	20 A	1		290	290		1	20 A	--	GUEST ROOM 848 LIGHTING/RECEPTS	76
77	GUEST ROOM 822 LIGHTING/RECEPTS	--	20 A	1			290	290	1	20 A	--	GUEST ROOM 848 BATHRM RECEPTS	78
79	SPARE	--	20 A	1	0	0			1	20 A	--	SPARE	80
81	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	82
83	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	84
TOTAL LOAD (VA):					7540	7540	7540						
TOTAL CURRENT (A):					63	63	63						
TOTAL CONNECTED LOAD: 22620 VA TOTAL CONNECTED CURRENT: 63 A ESTIMATED DEMAND LOAD: 22620 VA ESTIMATED DEMAND CURRENT: 63 A					NOTES:								

DIST PANEL LDP8																			
LOCATION: Space 375				BRANCHES: BOLT-ON				SHUNT TRIP MAIN CB				AVAILABLE AIC: 6648							
SUPPLY SOURCE:				POLES: 24				SERVICE ENTRANCE RATED				AIC RATING: 10 KAIC							
VOLTAGE: 120/208 Wye				MOUNTING: Surface				UL LISTED FEED-THROUGH LUGS				SERIES RATED <input checked="" type="checkbox"/> FULLY RATED							
BUS: 400 A				ENCLOSURE: Type 1				UL LISTED SUB-FEED LUGS											
MAINS RATING: 400 A				ACCESSORIE...				ISOLATED GROUND BAR											
MAINS TYPE: MB																			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		C		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#				
1	PANEL LP9A	3-#1/0, 1-#1/0, 1-#6	150 A	3	7540	7016					3	150 A	3-#1/0, 1-#1/0, 1-#6	PANEL LP9B	2				
3	--	--	--	--			7540	7016			--	--	--	--	4				
5	--	--	--	--					7540	7016	--	--	--	--	6				
7	PANEL LP9C	3-#1/0, 1-#1/0, 1-#6	150 A	3	8586	8268					3	150 A	3-#1/0, 1-#1/0, 1-#6	PANEL LP9D	8				
9	--	--	--	--			8268	8268			--	--	--	--	10				
11	--	--	--	--					8268	8268	--	--	--	--	12				
13	PANEL LP9E	3-#1/0, 1-#1/0, 1-#6	150 A	3	7600	0					--	--	--	PROVISION	14				
15	--	--	--	--			6040	0			--	--	--	--	16				
17	--	--	--	--					6560	0	--	--	--	--	18				
19	PROVISION	--	--	--	0	0					--	--	--	PROVISION	20				
21	--	--	--	--			0	0			--	--	--	--	22				
23	-	--	--	--					0	0	--	--	--	-	24				
TOTAL LOAD (VA):					39010		37132		37652										
TOTAL CURRENT (A):					326		309		314										
TOTAL CONNECTED LOAD: 113794 VA																NOTES:			
TOTAL CONNECTED CURRENT: 316 A																			
ESTIMATED DEMAND LOAD: 112834 VA																			
ESTIMATED DEMAND CURRENT: 313 A																			

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PANEL LP9D															
LOCATION: Space 145 SUPPLY SOURCE: LDP8 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORY...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6047 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	GUEST ROOM 952 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 939 LIGHTING/RECEPTS	2		
3	GUEST ROOM 952 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 939 LIGHTING/RECEPTS	4	
5	GUEST ROOM 952 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 939 BATHRM RECEPTS	6		
7	GUEST ROOM 954 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 937 LIGHTING/RECEPTS	8		
9	GUEST ROOM 954 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 937 BATHRM RECEPTS	10	
11	GUEST ROOM 954 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 937 LIGHTING/RECEPTS	12		
13	GUEST ROOM 956 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 934 LIGHTING/RECEPTS	14		
15	GUEST ROOM 956 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 934 BATHRM RECEPTS	16	
17	GUEST ROOM 956 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 934 BATHRM RECEPTS	18		
19	GUEST ROOM 958 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 931 LIGHTING/RECEPTS	20		
21	GUEST ROOM 958 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 931 LIGHTING/RECEPTS	22	
23	GUEST ROOM 958 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 931 BATHRM RECEPTS	24		
25	GUEST ROOM 960 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 930 LIGHTING/RECEPTS	26		
27	GUEST ROOM 960 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 930 LIGHTING/RECEPTS	28	
29	GUEST ROOM 960 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 930 BATHRM RECEPTS	30		
31	GUEST ROOM 962 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 929 LIGHTING/RECEPTS	32		
33	GUEST ROOM 962 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 929 LIGHTING/RECEPTS	34	
35	GUEST ROOM 962 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 929 BATHRM RECEPTS	36		
37	GUEST ROOM 964 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 927 LIGHTING/RECEPTS	38		
39	GUEST ROOM 964 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 927 LIGHTING/RECEPTS	40	
41	GUEST ROOM 964 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 927 BATHRM RECEPTS	42		
43	GUEST ROOM 966 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 925 LIGHTING/RECEPTS	44		
45	GUEST ROOM 966 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 925 LIGHTING/RECEPTS	46	
47	GUEST ROOM 966 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 925 BATHRM RECEPTS	48		
49	GUEST ROOM 968 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 923 LIGHTING/RECEPTS	50		
51	GUEST ROOM 968 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 923 LIGHTING/RECEPTS	52	
53	GUEST ROOM 968 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 923 BATHRM RECEPTS	54		
55	GUEST ROOM 967 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 921 LIGHTING/RECEPTS	56		
57	GUEST ROOM 967 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 921 LIGHTING/RECEPTS	58	
59	GUEST ROOM 967 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 921 BATHRM RECEPTS	60		
61	GUEST ROOM 965 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 925 LIGHTING/RECEPTS	62		
63	GUEST ROOM 965 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 925 LIGHTING/RECEPTS	64	
65	GUEST ROOM 965 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 925 BATHRM RECEPTS	66		
67	GUEST ROOM 943 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 923 LIGHTING/RECEPTS	68		
69	GUEST ROOM 943 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 923 LIGHTING/RECEPTS	70	
71	GUEST ROOM 943 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 923 BATHRM RECEPTS	72		
73	GUEST ROOM 941 BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 921 LIGHTING/RECEPTS	74		
75	GUEST ROOM 941 LIGHTING/RECEPTS	--	20 A	1			318	318		1	20 A	--	GUEST ROOM 921 LIGHTING/RECEPTS	76	
77	GUEST ROOM 941 LIGHTING/RECEPTS	--	20 A	1					1	20 A	--	GUEST ROOM 921 BATHRM RECEPTS	78		
79	SPARE	--	20 A	1	0	0			1	20 A	--	SPARE	80		
81	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	82		
83	SPARE	--	20 A	1					0	1	20 A	--	SPARE	84	
TOTAL LOAD (VA):					8268		8268		8268						
TOTAL CURRENT (A):					69		69		69						
TOTAL CONNECTED LOAD: 24804 VA															
TOTAL CONNECTED CURRENT: 69 A															
ESTIMATED DEMAND LOAD: 24804 VA															
ESTIMATED DEMAND CURRENT: 69 A															
NOTES:															



PANEL HP10													
LOCATION: ELEC. 828-9 SUPPLY SOURCE: MSB VOLTAGE: 480/277 Wye BUS: 400 A MAINS RATING: 400 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 62310 AIC RATING: 65 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	FCU ROOMS 1001 THRU 1010	3-#10, 1-#10, 1-#10	30 A	3	5728							2	
3	--	--	--	--	--	5728						4	
5	--	--	--	--	--		5728					6	
7	FCU ROOMS 1012 THRU 1020	3-#10, 1-#10, 1-#10	30 A	3	4773							8	
9	--	--	--	--	--	4773	0		1	20 A	SPARE	10	
11	--	--	--	--	--		4773	0	1	20 A	SPARE	12	
13	FCU ROOMS 1022 THRU 1032	3-#10, 1-#10, 1-#10	30 A	3	5728	5728			3	30 A	3-#10, 1-#10, 1-#10	14	
15	--	--	--	--	--	5728	5728		--	--	--	16	
17	--	--	--	--	--		5728	5728	--	--	--	18	
19	FCU ROOMS 1034 THRU 1044	3-#10, 1-#10, 1-#10	30 A	3	5728	4773			3	30 A	3-#10, 1-#10, 1-#10	20	
21	--	--	--	--	--	5728	4773		--	--	--	22	
23	--	--	--	--	--		5728	4773	--	--	--	24	
25	FCU ROOMS 1046 THRU 1054	3-#10, 1-#10, 1-#10	30 A	3	3819	5728			3	30 A	3-#10, 1-#10, 1-#10	26	
27	--	--	--	--	--	3819	5728		--	--	--	28	
29	--	--	--	--	--		3819	5728	--	--	--	30	
31	FCU ROOMS 1056 THRU 1062	3-#10, 1-#10, 1-#10	30 A	3	4773	5728			3	30 A	3-#10, 1-#10, 1-#10	32	
33	--	--	--	--	--		4773	5728	--	--	--	34	
35	--	--	--	--	--			4773	5728	--	--	36	
37	FCU ROOMS 1064 THRU 1068	3-#10, 1-#10, 1-#10	30 A	3	3819	3819			3	30 A	3-#10, 1-#10, 1-#10	38	
39	--	--	--	--	--	3819	3819		--	--	--	40	
41	--	--	--	--	--		3819	3819	--	--	--	42	
43	FCU ROOMS 1084, 1037 THRU 1041	3-#10, 1-#10, 1-#10	30 A	3	4773	3819			3	30 A	3-#10, 1-#10, 1-#10	44	
45	--	--	--	--	--		4773	3819	--	--	--	46	
47	--	--	--	--	--			4773	3819	--	--	48	
49	FCU ROOMS 1083, 1085 THRU 1091	3-#10, 1-#10, 1-#10	30 A	3	5728	4773			3	30 A	3-#10, 1-#10, 1-#10	50	
51	--	--	--	--	--	5728	4773		--	--	--	52	
53	--	--	--	--	--		5728	4773	--	--	--	54	
55	FCU ROOMS 1037, 1019 THRU 1027	3-#10, 1-#10, 1-#10	30 A	3	5728	4773			3	30 A	3-#10, 1-#10, 1-#10	56	
57	--	--	--	--	--		5728	4773	--	--	--	58	
59	--	--	--	--	--			5728	4773	--	--	60	
61	FCU ROOM 1001, 1002	3-#10, 1-#10, 1-#10	30 A	3	1909	5728			3	30 A	3-#10, 1-#10, 1-#10	62	
63	--	--	--	--	--	1909	5728		--	--	--	64	
65	--	--	--	--	--		1909	5728	--	--	--	66	
67	SPARE	--	20 A	1	0	5728			3	30 A	3-#10, 1-#10, 1-#10	68	
69	SPARE	--	20 A	1		0	5728		--	--	--	70	
71	SPARE	--	20 A	1			0	5728	--	--	--	72	
73	SPARE	--	20 A	1	0	1909			3	20 A	3-#12, 1-#12, 1-#12	74	
75	SPARE	--	20 A	1		0	1909		--	--	--	76	
77	SPARE	--	20 A	1			0	1909	--	--	--	78	
79	SPARE	--	20 A	1	0	0			--	--	PROVISION	80	
81	SPARE	--	20 A	1		0	0		--	--	PROVISION	82	
83	SPARE	--	20 A	1			0	0	--	--	PROVISION	84	
TOTAL LOAD (VA):					105013	105013	105013						
TOTAL CURRENT (A):					379	379	379						
TOTAL CONNECTED LOAD: 315040 VA													
TOTAL CONNECTED CURRENT: 379 A													
ESTIMATED DEMAND LOAD: 252032 VA													
ESTIMATED DEMAND CURRENT: 303 A													
NOTES:													

PANEL LP11A															
LOCATION: ELEC. 828-17 SUPPLY SOURCE: LDP10 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 6035 AIC RATING: 10 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	2			
3	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	4			
5	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	6			
7	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	8			
9	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	10			
11	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	12			
13	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	14			
15	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	16			
17	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	18			
19	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	20			
21	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	22			
23	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	24			
25	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	26			
27	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	28			
29	GUEST ROOM 10** BATHRM RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	30			
31	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	32			
33	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	34			
35	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	36			
37	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	38			
39	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** BATHRM RECEP	40			
41	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	42			
43	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	44			
45	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	46			
47	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	48			
49	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	50			
51	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	52			
53	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	54			
55	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	56			
57	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** BATHRM RECEP	58			
59	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** LIGHTING/RECEP	60			
61	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	62			
63	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	64			
65	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	66			
67	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	68			
69	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** BATHRM RECEP	70			
71	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** LIGHTING/RECEP	72			
73	GUEST ROOM 10** BATHRM RECEP	--	20 A	1	318	318			1	20 A	GUEST ROOM 10** LIGHTING/RECEP	74			
75	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1		318	318		1	20 A	GUEST ROOM 10** LIGHTING/RECEP	76			
77	GUEST ROOM 10** LIGHTING/RECEP	--	20 A	1			318	318	1	20 A	GUEST ROOM 10** BATHRM RECEP	78			
79	SPARE	--	20 A	1	0	0			1	20 A	SPARE	80			
81	SPARE	--	20 A	1		0	0		1	20 A	SPARE	82			
83	SPARE	--	20 A	1			0	0	1	20 A	SPARE	84			
TOTAL LOAD (VA):					8268	8268	8268								
TOTAL CURRENT (A):					69	69	69								
TOTAL CONNECTED LOAD: 24804 VA															
TOTAL CONNECTED CURRENT: 69 A															
ESTIMATED DEMAND LOAD: 24804 VA															
ESTIMATED DEMAND CURRENT: 69 A															
NOTES:															

DIST PANEL LDP10																
LOCATION: ELEC. 828-9 SUPPLY SOURCE: T-LDP10 VOLTAGE: 120/208 Wye BUS: 400 A MAINS RATING: 400 A MAINS TYPE: MB				BRANCHES: BOLT-ON POLES: 24 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 6634 AIC RATING: 10 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED				
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		C		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	PANEL LP11A	3-#10, 1-#10, 1-#6	150 A	3	8268	8268					3	150 A	3-#10, 1-#10, 1-#6	PANEL LP11B	2	
3	--	--	--	--			8268	8268			--	--	--	--	4	
5	--	--	--	--					8268	8268	--	--	--	--	6	
7	PANEL LP11C	3-#10, 1-#10, 1-#6	150 A	3	8268	8268					3	150 A	3-#10, 1-#10, 1-#6	PANEL LP11D	8	
9	--	--	--	--			8268	8268			--	--	--	--	10	
11	--	--	--	--					8268	8268	--	--	--	--	12	
13	PANEL LP11E	3-#10, 1-#10, 1-#6	150 A	3	6216	0					--	--	--	PROVISION	14	
15	--	--	--	--			6396	0			--	--	--	PROVISION	16	
17	--	--	--	--					5376	0	--	--	--	PROVISION	18	
19	PROVISION	--	--	--	0	0					--	--	--	PROVISION	20	
21	PROVISION	--	--	--			0	0			--	--	--	PROVISION	22	
23	PROVISION	--	--	--					0	0	--	--	--	PROVISION	24	
TOTAL LOAD (VA):					39288		39468		38448							
TOTAL CURRENT (A):					328		330		320							
<div><div>TOTAL CONNECTED LOAD: 117204 VA</div><div>TOTAL CONNECTED CURRENT: 325 A</div><div>ESTIMATED DEMAND LOAD: 113844 VA</div><div>ESTIMATED DEMAND CURRENT: 316 A</div></div>																<div><div>NOTES:</div></div>



PANEL LP11E															
LOCATION: ELEC. 828-17 SUPPLY SOURCE: LDP10 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 42 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 6035 AIC RATING: 10 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	GUEST ROOM 11** BATHRM RECEPTS	--	20 A	1	318							2			
3	GUEST ROOM 11** LIGHTING/RECEPTS	--	20 A	1		318						4			
5	GUEST ROOM 11** LIGHTING/RECEPTS	--	20 A	1			318					6			
7	GUEST ROOM 11** BATHRM RECEPTS	--	20 A	1	318							8			
9	GUEST ROOM 11** LIGHTING/RECEPTS	--	20 A	1		318						10			
11	GUEST ROOM 11** LIGHTING/RECEPTS	--	20 A	1			318					12			
13	10TH FLOOR CORRIDOR...	1-#10, 1-#10, 1-#10	20 A	1	900	0			1	20 A	SPARE	14			
15	10TH FLR CORRELECT RM/BOH...	1-#12, 1-#12, 1-#12	20 A	1		1080	0		1	20 A	SPARE	16			
17	10TH FLR CORRELECT RM/BOH...	1-#8, 1-#8, 1-#8	20 A	1			1260	0	1	20 A	SPARE	18			
19	VENDING - 10TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1	1200	0			1	20 A	SPARE	20			
21	VENDING - 10TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1		1200	0		1	20 A	SPARE	22			
23	VENDING - 10TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1			1200	0	1	20 A	SPARE	24			
25	VENDING - 10TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1	1200	0			1	20 A	SPARE	26			
27	11TH FLOOR CORRIDOR...	1-#8, 1-#8, 1-#8	20 A	1		1080	0		1	20 A	SPARE	28			
29	11TH FLR CORRELECT RM/BOH...	1-#10, 1-#10, 1-#10	20 A	1			1080	0	1	20 A	SPARE	30			
31	11TH FLR CORRELECT RM/BOH...	1-#12, 1-#12, 1-#12	20 A	1	1080	0			1	20 A	SPARE	32			
33	VENDING - 11TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1		1200	0		1	20 A	SPARE	34			
35	VENDING - 11TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1			1200	0	1	20 A	SPARE	36			
37	VENDING - 11TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1	1200	0			1	20 A	SPARE	38			
39	VENDING - 11TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1		1200	0		1	20 A	SPARE	40			
41	SPARE	--	20 A	1			0	0	1	20 A	SPARE	42			
TOTAL LOAD (VA):					6216	6396	5376								
TOTAL CURRENT (A):					53	54	45								
TOTAL CONNECTED LOAD: 17988 VA				NOTES:											
TOTAL CONNECTED CURRENT: 50 A															
ESTIMATED DEMAND LOAD: 14628 VA															
ESTIMATED DEMAND CURRENT: 41 A															

PANEL LP11D															
LOCATION: ELEC. 828-17 SUPPLY SOURCE: LDP10 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6035 AIC RATING: 10 KAIC SERIES RATED <input checked="" type="checkbox"/> FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 11" LIGHTING/RECEPTS	2			
3	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	4			
5	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	6			
7	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	8			
9	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" BATHRM RECEPTS	10			
11	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	12			
13	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	14			
15	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	16			
17	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	18			
19	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	20			
21	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	22			
23	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	24			
25	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	26			
27	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	28			
29	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	30			
31	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	32			
33	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" BATHRM RECEPTS	34			
35	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	36			
37	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	38			
39	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	40			
41	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	42			
43	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	44			
45	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	46			
47	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	48			
49	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	50			
51	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	52			
53	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	54			
55	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	56			
57	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	58			
59	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	60			
61	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	62			
63	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	64			
65	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	66			
67	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	68			
69	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	70			
71	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	72			
73	GUEST ROOM 11" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	74			
75	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	GUEST ROOM 11" LIGHTING/RECEPTS	76			
77	GUEST ROOM 11" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	GUEST ROOM 11" BATHRM RECEPTS	78			
81	SPARE	--	20 A	1	0	0	0	0	1	20 A	SPARE	80			
83	SPARE	--	20 A	1			0	0	1	20 A	SPARE	84			
TOTAL LOAD (VA):					8268	8268	8268								
TOTAL CURRENT (A):					69	69	69								
TOTAL CONNECTED LOAD: 24804 VA															
TOTAL CONNECTED CURRENT: 69 A															
ESTIMATED DEMAND LOAD: 24804 VA															
ESTIMATED DEMAND CURRENT: 69 A															
NOTES:															

DIST PANEL LDP12													
LOCATION: ELEC. 828-21 SUPPLY SOURCE: T-LDP12 VOLTAGE: 120/208 Wye BUS: 400 A MAINS RATING: 400 A MAINS TYPE: MB				BRANCHES: BOLT-ON POLES: 24 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 6620 AIC RATING: 10 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	PANEL LP13A	3-#1/0, 1-#1/0, 1-#6	150 A	3	8268	8268			3	150 A	3-#1/0, 1-#1/0, 1-#6	PANEL LP13B	2
3	--	--	--	--	--	8268	8268		--	--	--	--	4
5	--	--	--	--	--		8268	8268	--	--	--	--	6
7	PANEL LP13C	3-#1/0, 1-#1/0, 1-#6	150 A	3	9093	8775			3	150 A	3-#1/0, 1-#1/0, 1-#6	PANEL LP13D	8
9	--	--	--	--	--	9093	8775		--	--	--	--	10
11	--	--	--	--	--		9093	8775	--	--	--	--	12
13	PANEL LP13E	3-#1/0, 1-#1/0, 1-#6	150 A	3	4764	0			--	--	--	PROVISION	14
15	--	--	--	--	--	5613	0		--	--	--	PROVISION	16
17	--	--	--	--	--		4233	0	--	--	--	PROVISION	18
19	PROVISION	--	--	--	0	0			--	--	--	PROVISION	20
21	PROVISION	--	--	--		0	0		--	--	--	PROVISION	22
23	PROVISION	--	--	--			0	0	--	--	--	PROVISION	24
TOTAL LOAD (VA):					39168	40017	38637						
TOTAL CURRENT (A):					327	334	322						
TOTAL CONNECTED LOAD: 117822 VA TOTAL CONNECTED CURRENT: 327 A ESTIMATED DEMAND LOAD: 116862 VA ESTIMATED DEMAND CURRENT: 324 A													
NOTES:													

PANEL LP13A													
LOCATION: ELEC. 13000 SUPPLY SOURCE: LDP12 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6023 AIC RATING: 10 KAIC  SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	2
3	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	4
5	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	6
7	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	8
9	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	10
11	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	12
13	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	14
15	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	16
17	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	18
19	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	20
21	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	22
23	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	24
25	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	26
27	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	28
29	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	30
31	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	32
33	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	34
35	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	36
37	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	38
39	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	40
41	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	42
43	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	44
45	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	46
47	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	48
49	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	50
51	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	52
53	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	54
55	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	56
57	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	58
59	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	60
61	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	62
63	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	64
65	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	66
67	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	68
69	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	70
71	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	72
73	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318			1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	74
75	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	76
77	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	78
79	SPARE	--	20 A	1	0	0			1	20 A	--	SPARE	80
81	SPARE	--	20 A	1		0	0		1	20 A	--	SPARE	82
83	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	84
TOTAL LOAD (VA):					8268	8268	8268						
TOTAL CURRENT (A):					69	69	69						
TOTAL CONNECTED LOAD: 24804 VA TOTAL CONNECTED CURRENT: 69 A ESTIMATED DEMAND LOAD: 24804 VA ESTIMATED DEMAND CURRENT: 69 A					NOTES:								

PANEL LP13B													
LOCATION: ELEC. 13000 SUPPLY SOURCE: LDP12 VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 84 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6023 AIC RATING: 10 KAIC  SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	2	
3	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	4
5	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	6
7	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	8	
9	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	10
11	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	12
13	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	14	
15	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	16
17	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	18
19	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	20	
21	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	22
23	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	24
25	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	26	
27	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	28
29	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	30
31	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	32	
33	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	34
35	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	36
37	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	38	
39	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	40
41	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	42
43	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	44	
45	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	46
47	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	48
49	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	50	
51	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	52
53	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	54
55	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	56	
57	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	58
59	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	60
61	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	62	
63	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	64
65	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	66
67	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	68	
69	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	70
71	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	72
73	GUEST ROOM 12" BATHRM RECEPTS	--	20 A	1	318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	74	
75	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1		318	318		1	20 A	--	GUEST ROOM 12" LIGHTING/RECEPTS	76
77	GUEST ROOM 12" LIGHTING/RECEPTS	--	20 A	1			318	318	1	20 A	--	GUEST ROOM 12" BATHRM RECEPTS	78
81	SPARE	--	20 A	1	0	0	0	0	1	20 A	--	SPARE	80
83	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	82
TOTAL LOAD (VA):					8268	8268	8268						
TOTAL CURRENT (A):					69	69	69						
TOTAL CONNECTED LOAD: 24804 VA													
TOTAL CONNECTED CURRENT: 69 A													
ESTIMATED DEMAND LOAD: 24804 VA													
ESTIMATED DEMAND CURRENT: 69 A													
NOTES:													

PANEL LP13D														
LOCATION: ELEC. 13000				BRANCHES: BOLT-ON				SHUNT TRIP MAIN CB				AVAILABLE AIC: 6023		
SUPPLY SOURCE: LDP12				POLES: 84				SERVICE ENTRANCE RATED				AIC RATING: 10 KAIC		
VOLTAGE: 120/208 Wye				MOUNTING: Surface				UL LISTED FEED-THROUGH LUGS				SERIES RATED X FULLY RATED		
BUS: 225 A				ENCLOSURE: Type 1				UL LISTED SUB-FEED LUGS						
MAINS RATING: 225 A				ACCESSORIE...				ISOLATED GROUND BAR						
MAINS TYPE: MLO														
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	2	
3	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	4	
5	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	6
7	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	8	
9	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	10	
11	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	12
13	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	14	
15	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	16	
17	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	18
19	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	20	
21	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	22	
23	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	24
25	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	26	
27	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	28	
29	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	30
31	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	32	
33	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	34	
35	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	36
37	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	38	
39	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	40	
41	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	42
43	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	44	
45	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	46	
47	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	48
49	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	50	
51	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	52	
53	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	54
55	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	56	
57	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	58	
59	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	60
61	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	62	
63	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	64	
65	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	66
67	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	351			1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	68	
69	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	351	1	20 A	--	GUEST ROOM 13" LIGHTING/RECEP	70	
71	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	351	1	20 A	--	GUEST ROOM 13" BATHRM RECEP	72
73	GUEST ROOM 13" BATHRM RECEP	--	20 A	1	351	0			1	20 A	--	SPARE	74	
75	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1			351	0	1	20 A	--	SPARE	76	
77	GUEST ROOM 13" LIGHTING/RECEP	--	20 A	1				351	0	1	20 A	--	SPARE	78
79	SPARE	--	20 A	1	0	0			1	20 A	--	SPARE	80	
81	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	82	
83	SPARE	--	20 A	1				0	0	1	20 A	--	SPARE	84
TOTAL LOAD (VA):					8775	8775	8775							
TOTAL CURRENT (A):					73	73	73							
NOTES:														
TOTAL CONNECTED LOAD: 26325 VA														
TOTAL CONNECTED CURRENT: 73 A														
ESTIMATED DEMAND LOAD: 26325 VA														
ESTIMATED DEMAND CURRENT: 73 A														

PANEL HP14

LOCATION: ELEC. 828-14

SUPPLY SOURCE: MSB

VOLTAGE: 480/277 Wye

BUS: 200 A

MAINS RATING: 225 A

MAINS TYPE: MLO

BRANCHES: BOLT-ON

POLES: 60

MOUNTING: Surface

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC: 56907

AIC RATING: 65 KAIC

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	FCU ROOMS 1416 THRU 1424	3-#10, 1-#10, 1-#10	30 A	3	4773							2	
3	--	--	--	--		4773						4	
5	--	--	--	--			4773					6	
7	FCU ROOMS 1426 THRU 1436	3-#10, 1-#10, 1-#10	30 A	3	5728							8	
9	--	--	--	--		5728						10	
11	--	--	--	--			5728					12	
13	FCU ROOMS 1438 THRU 1450	3-#10, 1-#10, 1-#10	30 A	3	5728	0			1	20 A	--	SPARE	14
15	--	--	--	--		5728	0		1	20 A	--	SPARE	16
17	--	--	--	--			5728	0	1	20 A	--	SPARE	18
19	FCU ROOMS 1454 THRU 142	3-#10, 1-#10, 1-#10	30 A	3	5728	0			1	20 A	--	SPARE	20
21	--	--	--	--		5728	0		1	20 A	--	SPARE	22
23	--	--	--	--			5728	0	1	20 A	--	SPARE	24
25	FCU ROOMS 1464 THRU 1468	3-#10, 1-#10, 1-#10	30 A	3	4773	0			1	20 A	--	SPARE	26
27	--	--	--	--		4773	0		1	20 A	--	SPARE	28
29	--	--	--	--			4773	0	1	20 A	--	SPARE	30
31	FCU ROOMS 1484, 1439 THRU 1441	3-#10, 1-#10, 1-#10	30 A	3	4773	0			1	20 A	--	SPARE	32
33	--	--	--	--		4773	0		1	20 A	--	SPARE	34
35	--	--	--	--			4773	0	1	20 A	--	SPARE	36
37	FCU ROOMS 1425, 1485, 1490	3-#10, 1-#10, 1-#10	30 A	3	2864	0			1	20 A	--	SPARE	38
39	--	--	--	--		2864	0		1	20 A	--	SPARE	40
41	--	--	--	--			2864	0	1	20 A	--	SPARE	42
43	FCU ROOMS 1419 THRU 1425	3-#10, 1-#10, 1-#10	30 A	3	4773	0			1	20 A	--	SPARE	44
45	--	--	--	--		4773	0		1	20 A	--	SPARE	46
47	--	--	--	--			4773	0	1	20 A	--	SPARE	48
49	FCU ROOM 1401, 1402	3-#10, 1-#10, 1-#10	30 A	3	955	0			1	20 A	--	SPARE	50
51	--	--	--	--		955	0		1	20 A	--	SPARE	52
53	--	--	--	--			955	0	1	20 A	--	SPARE	54
55	SPARE	--	20 A	1	0	0			--	--	--	PROVISION	56
57	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	58
59	SPARE	--	20 A	1					--	--	--	PROVISION	60
TOTAL LOAD (VA):					40096	40096	40096						
TOTAL CURRENT (A):					145	145	145						

TOTAL CONNECTED LOAD: 120288 VA

TOTAL CONNECTED CURRENT: 145 A

ESTIMATED DEMAND LOAD: 96230 VA

ESTIMATED DEMAND CURRENT: 116 A

NOTES:

PANEL LP13E															
LOCATION: ELEC. 13000				BRANCHES: BOLT-ON				SHUNT TRIP MAIN CB				AVAILABLE AIC: 6023			
SUPPLY SOURCE: LDP12				POLES: 60				___ SERVICE ENTRANCE RATED				AIC RATING: 10 KAIC			
VOLTAGE: 120/208 Wye				MOUNTING: Surface				___ UL LISTED FEED-THROUGH LUGS							
BUS: 225 A				ENCLOSURE: Type 1				___ UL LISTED SUB-FEED LUGS				SERIES RATED			
MAINS RATING: 225 A				ACCESSORIE...				___ ISOLATED GROUND BAR				<input checked="" type="checkbox"/> FULLY RATED			
MAINS TYPE: MLO															
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	13TH FLR JR SUITE BATHRM RECEPTS	--	20 A	1	351							2			
3	13TH FLR JR SUITE...	--	20 A	1		351						4			
5	13TH FLR JR SUITE...	--	20 A	1			351					6			
7	13TH FLR JR SUITE...	--	20 A	1	351							8			
9	ROCK ROYALTY LOUNGE LIGHTING	--	20 A	1		351						10			
11	ROCK ROYALTY LOUNGE RECEPTS	--	20 A	1			351					12			
13	ROCK ROYALTY LOUNGE RECEPTS	--	20 A	1	351	0		1	20 A	--	SPARE	14			
15	ROCK ROYALTY LOUNGE RECEPTS	--	20 A	1		351	0	1	20 A	--	SPARE	16			
17	ROCK ROYALTY LOUNGE RECEPTS	--	20 A	1			351	0	1	20 A	--	SPARE	18		
19	ROCK ROYALTY LOUNGE RECEPTS	--	20 A	1	351	0		1	20 A	--	SPARE	20			
21	SPARE	--	20 A	1		0	0		1	20 A	--	SPARE	22		
23	SPARE	--	20 A	1				0	0	1	20 A	--	SPARE	24	
25	12TH FLOOR CORRIDOR...	1-#8, 1-#8, 1-#8	20 A	1	1080	0			1	20 A	--	SPARE	26		
27	12TH FLR CORRELECT RMBOH...	1-#12, 1-#12, 1-#12	20 A	1		1080	0		1	20 A	--	SPARE	28		
29	12TH FLR CORRELECT RMBOH...	1-#10, 1-#10, 1-#10	20 A	1			1080	0		1	20 A	--	SPARE	30	
31	VENDING - 12TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1	1200	0			1	20 A	--	SPARE	32		
33	VENDING - 12TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1		1200	0		1	20 A	--	SPARE	34		
35								0	1	20 A	--	SPARE	36		
37					0				1	20 A	--	SPARE	38		
39	13TH FLOOR CORRIDOR...	1-#8, 1-#8, 1-#8	20 A	1		1080	0		1	20 A	--	SPARE	40		
41	13TH FLR CORRELECT RMBOH...	1-#12, 1-#12, 1-#12	20 A	1			900	0	1	20 A	--	SPARE	42		
43	13TH FLR CORRELECT RMBOH...	1-#10, 1-#10, 1-#10	20 A	1	1080	0			1	20 A	--	SPARE	44		
45	VENDING - 13TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1		1200	0		1	20 A	--	SPARE	46		
47	VENDING - 13TH FLOOR	1-#12, 1-#12, 1-#12	20 A	1			1200	0	1	20 A	--	SPARE	48		
49					0				1	20 A	--	SPARE	50		
51							0		1	20 A	--	SPARE	52		
53	SPARE	--	20 A	1				0	0	1	20 A	--	SPARE	54	
55	SPARE	--	20 A	1	0	0				1	20 A	--	SPARE	56	
57	SPARE	--	20 A	1		0	0			1	20 A	--	SPARE	58	
59	SPARE	--	20 A	1				0	0	1	20 A	--	SPARE	60	
TOTAL LOAD (VA):					4764	5613	4233								
TOTAL CURRENT (A):					40	47	35								
TOTAL CONNECTED LOAD: 14610 VA								NOTES:							
TOTAL CONNECTED CURRENT: 41 A															
ESTIMATED DEMAND LOAD: 13650 VA															
ESTIMATED DEMAND CURRENT: 38 A															



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PANEL LPR															
LOCATION: SUPPLY SOURCE: T-LPR VOLTAGE: 120/208 Wye BUS: 400 A MAINS RATING: 400 A MAINS TYPE: MB				BRANCHES: BOLT-ON POLES: 72 MOUNTING: Surface ENCLOSURE: NEMA 3R ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6733 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	BAR TELEVISIONS	1-#12, 1-#12, 1-#12	20 A	1	460	0		1	20 A	--	SPARE	2			
3	BAR TELEVISIONS	1-#12, 1-#12, 1-#12	20 A	1		920	0		1	20 A	SPARE	4			
5	BAR REFRIGERATED WORKTOP	1-#12, 1-#12, 1-#12	20 A	1			384	0	1	20 A	SPARE	6			
7	BAR REFRIGERATED WORKTOP	1-#12, 1-#12, 1-#12	20 A	1	384	0			1	20 A	SPARE	8			
9	BAR GLASSWASHER	1-#12, 1-#12, 1-#12	20 A	1		648	0		1	20 A	SPARE	10			
11	GLASS FROSTER	1-#12, 1-#12, 1-#12	20 A	1			756	0	1	20 A	SPARE	12			
13	BACK-BAR REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1	756	0			1	20 A	SPARE	14			
15	BACK-BAR REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		756	0		1	20 A	SPARE	16			
17	BACK-BAR REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1			756	0	1	20 A	SPARE	18			
19	SODA ICE & DISPENSER	1-#12, 1-#12, 1-#12	20 A	1	840	0			1	20 A	SPARE	20			
21	COFFEE BREWER	2-#8, 1-#8, 1-#10	40 A	2		2704	540		1	20 A	1-#12, 1-#12, 1-#12	RESTRM/JC RECEPTACLES	22		
23	--	--	--	--	--	--	--	2704	924	1	20 A	1-#12, 1-#12, 1-#12	RESTROOM HAND DRYER	24	
25	ICE TEA BREWER	1-#12, 1-#12, 1-#12	20 A	1	840	924			1	20 A	1-#12, 1-#12, 1-#12	RESTROOM HAND DRYER	26		
27	BACK-BAR REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		756	924		1	20 A	1-#10, 1-#10, 1-#10	RESTROOM HAND DRYER	28		
29	REACH-IN REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1			648	924	1	20 A	1-#10, 1-#10, 1-#10	RESTROOM HAND DRYER	30		
31	PIZZA PREP REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1	1644	540			1	20 A	1-#12, 1-#12, 1-#12	CORRIDOR RECEPTACLES	32		
33	REACH-IN FREEZER	1-#12, 1-#12, 1-#12	20 A	1		1176	1768		2	20 A	2-#8, 1-#8, 1-#8	POOL FILTER PUMP	34		
35	HEAT LAMP	1-#12, 1-#12, 1-#12	20 A	1				1355	1768	--	--	--	36		
37	OVEN	2-#10, 1-#10, 1-#10	30 A	2	2496	240			1	20 A	1-#12, 1-#12, 1-#12	POOL LIGHTS	38		
39	--	--	--	--	--	2496	240		1	20 A	1-#12, 1-#12, 1-#12	POOL CHEMICAL CONTROLLER	40		
41	WORKTOP REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1			1644	1080	1	20 A	1-#8, 1-#8, 1-#8	ROOF DECK RECEPTACLES	42		
43	EXH HOOD LTS & CONTROLS	1-#12, 1-#12, 1-#12	20 A	1	500	900			1	20 A	1-#10, 1-#10, 1-#10	ROOF DECK RECEPTACLES	44		
45	BAR AREA RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	540		1	20 A	1-#10, 1-#10, 1-#10	ROOF DECK RECEPTACLES	46		
47	STORAGE ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1				540	540	1	20 A	1-#12, 1-#12, 1-#12	ROOF DECK RECEPTACLES	48	
49	ELEVATOR MACH RM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1107			2	15 A	2-#12, 1-#12, 1-#12	CU 18-1	50		
51	ELEVATOR MACH RM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1107		--	--	--	--	52		
53	ELEVATOR MACH RM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	117	2	15 A	2-#12, 1-#12, 1-#12	A/C 18-1	54		
55	ELEVATOR SHAFT RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	720	117			--	--	--	--	56		
57	ELEVATOR SHAFT RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		360	0		1	20 A	--	SPARE	58		
59	ELEVATOR SHAFT RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	60		
61	OVEN	2-#10, 1-#10, 1-#10	30 A	2	2496	0			1	20 A	--	SPARE	62		
63	--	--	--	--	--	2496	0		1	20 A	--	SPARE	64		
65	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2			3000	0	1	20 A	--	SPARE	66		
67	--	--	--	--	--	3000	0		1	20 A	--	SPARE	68		
69	EXHAUST FAN EF 18-1	1-#10, 1-#10, 1-#10	20 A	1		864	0		1	20 A	--	SPARE	70		
71	--	--	--	--	--	--	0	1	20 A	--	SPARE	--	72		
TOTAL LOAD (VA):					18143	19015	17680								
TOTAL CURRENT (A):					152	159	147								
NOTES:															
TOTAL CONNECTED LOAD: 54837 VA															
TOTAL CONNECTED CURRENT: 152 A															
ESTIMATED DEMAND LOAD: 44780 VA															
ESTIMATED DEMAND CURRENT: 124 A															

PANEL HPR															
LOCATION: SUPPLY SOURCE: HPR VOLTAGE: 480/277 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 30 MOUNTING: Surface ENCLOSURE: NEMA 3R ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: 70439 AIC RATING: 100 KAIC  <input checked="" type="checkbox"/> SERIES RATED <input type="checkbox"/> FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION			CKT#	
1	VAV 11-1	3-#12, 1-#12, 1-#12	15 A	3	500	0			1	20 A	--	SPARE		2	
3	--	--	--	--		500	0		1	20 A	--	SPARE		4	
5	--	--	--	--			500	0	1	20 A	--	SPARE		6	
7	VAV 11-1	3-#12, 1-#12, 1-#12	15 A	3	1633	0			1	20 A	--	SPARE		8	
9	--	--	--	--		1633	0		1	20 A	--	SPARE		10	
11	--	--	--	--			1633	0	1	20 A	--	SPARE		12	
13	VAV 11-3	3-#12, 1-#12, 1-#12	15 A	3	733	0			1	20 A	--	SPARE		14	
15	--	--	--	--		733	0		1	20 A	--	SPARE		16	
17	--	--	--	--			733	0	1	20 A	--	SPARE		18	
19	VAV 11-4	3-#10, 1-#10, 1-#10	30 A	3	4500	0			1	20 A	--	SPARE		20	
21	--	--	--	--		4500	0		1	20 A	--	SPARE		22	
23	--	--	--	--			4500	0	1	20 A	--	SPARE		24	
25	VAV 11-5	3-#10, 1-#10, 1-#10	30 A	3	4967	0			1	20 A	--	SPARE		26	
27	--	--	--	--		4967	0		1	20 A	--	SPARE		28	
29	--	--	--	--			4967	0	1	20 A	--	SPARE		30	
TOTAL LOAD (VA):					12333	12333	12333								
TOTAL CURRENT (A):					45	45	45								
<div>TOTAL CONNECTED LOAD: 37000 VA TOTAL CONNECTED CURRENT: 45 A ESTIMATED DEMAND LOAD: 29600 VA ESTIMATED DEMAND CURRENT: 36 A</div>															
<div>NOTES:</div>															

GLP1															
LOCATION: SUPPLY SOURCE: GPR VOLTAGE: 120/208 Wye BUS: 100 A MAINS RATING: 100 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 30 MOUNTING: Flush ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 1748 AIC			

PANEL GLP15																			
LOCATION: ELEC. 1599 SUPPLY SOURCE: GPR VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO					BRANCHES: BOLT-ON POLES: 60 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...					SHUNT TRIP MAIN CB ____ SERVICE ENTRANCE RATED ____ UL LISTED FEED-THROUGH LUGS ____ UL LISTED SUB-FEED LUGS ____ ISOLATED GROUND BAR					AVAILABLE AIC: 3502 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED				
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#							
1	CONDO 1500 REFRIGERATOR	1-#10, 1-#10, 1-#10	20 A	1	1200	1200		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1513 REFRIGERATOR	2							
3	CONDO 1500 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1		37	37		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1513 LIGHTING	4						
5	CONDO 1501 REFRIGERATOR	1-#10, 1-#10, 1-#10	20 A	1			1200	1200	1	20 A	1-#12, 1-#12, 1-#12	CONDO 1514 REFRIGERATOR	6						
7	CONDO 1501 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1	37	37			1	20 A	1-#12, 1-#12, 1-#12	CONDO 1514 LIGHTING	8						
9	CONDO 1502 REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		1200	1200		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1515 REFRIGERATOR	10						
11	CONDO 1502 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1			37	37	1	20 A	1-#12, 1-#12, 1-#12	CONDO 1515 LIGHTING	12						
13	CONDO 1503 REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1	1200	1200		1	20 A	1-#8, 1-#8, 1-#8	CONDO 1516 REFRIGERATOR	14							
15	CONDO 1503 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1		37	37		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1516 LIGHTING	16						
17	CONDO 1504 REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1			1200	1200	1	20 A	1-#10, 1-#10, 1-#10	CONDO 1517 REFRIGERATOR	18						
19	CONDO 1504 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1	37	37			1	20 A	1-#12, 1-#12, 1-#12	CONDO 1517 LIGHTING	20						
21	CONDO 1505 REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		1200	1200		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1518 REFRIGERATOR	22						
23	CONDO 1505 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1			37	37	1	20 A	1-#12, 1-#12, 1-#12	CONDO 1518 LIGHTING	24						
25	CONDO 1506 REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1	1200	1200			1	20 A	1-#12, 1-#12, 1-#12	CONDO 1519 REFRIGERATOR	26						
27	CONDO 1506 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1		37	37		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1519 LIGHTING	28						
29	CONDO 1507 REFRIGERATOR	1-#10, 1-#10, 1-#10	20 A	1			1200	1200		1	20 A	1-#12, 1-#12, 1-#12	CONDO 1520 REFRIGERATOR	30					
31	CONDO 1507 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1	37	37			1	20 A	1-#12, 1-#12, 1-#12	CONDO 1520 LIGHTING	32						
33	CONDO 1508 REFRIGERATOR	1-#10, 1-#10, 1-#10	20 A	1		1200	1200		1	20 A	1-#10, 1-#10, 1-#10	CONDO 1521 REFRIGERATOR	34						
35	CONDO 1508 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1			37	37	1	20 A	1-#12, 1-#12, 1-#12	CONDO 1521 LIGHTING	36						
37	CONDO 1509 REFRIGERATOR	1-#10, 1-#10, 1-#10	20 A	1	1200	0			1	20 A	--	SPARE	38						
39	CONDO 1509 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1		37	0		1	20 A	--	SPARE	40						
41	CONDO 1510 REFRIGERATOR	1-#8, 1-#8, 1-#8	20 A	1			1200	0	1	20 A	--	SPARE	42						
43	CONDO 1510 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1	37	0			1	20 A	--	SPARE	44						
45	CONDO 1511 REFRIGERATOR	1-#8, 1-#8, 1-#8	20 A	1		1200	0		1	20 A	--	SPARE	46						
47	CONDO 1511 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1			37	0	1	20 A	--	SPARE	48						
49	CONDO 1512 REFRIGERATOR	1-#8, 1-#8, 1-#8	20 A	1	1200	0			--	--	--	PROVISION	50						
51	CONDO 1512 LIGHTING	1-#12, 1-#12, 1-#12	20 A	1		37	0		--	--	--	PROVISION	52						
53	PROVISION	--	--	--			0	0	--	--	--	PROVISION	54						
55	PROVISION	--	--	--	0	0			--	--	--	PROVISION	56						
57	PROVISION	--	--	--		0	0		--	--	--	PROVISION	58						
59	PROVISION	--	--	--			0	0	--	--	--	PROVISION	60						
TOTAL LOAD (VA):					9859	8696	8659												
TOTAL CURRENT (A):					82	73	72												
TOTAL CONNECTED LOAD: 27214 VA					NOTES:														
TOTAL CONNECTED CURRENT: 76 A																			
ESTIMATED DEMAND LOAD: 18178 VA																			
ESTIMATED DEMAND CURRENT: 50 A																			

PANEL GLP16																			
LOCATION: SUPPLY SOURCE: GPR VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO					BRANCHES: BOLT-ON POLES: 60 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...					<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div>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DIST PANEL EHDP																			
LOCATION: GENERATOR 121 SUPPLY SOURCE: MSB VOLTAGE: 480/277 Wye BUS: 1200 A MAINS RATING: 1200 A MAINS TYPE: MLO					BRANCHES: BOLT-ON POLES: 18 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...					<div><div><div></div><div></div><div></div><div></div><div></div></div><div>SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR</div></div>					AVAILABLE AIC: 105413 AIC RATING: 120 KAIC <div>SERIES RATED <input checked="" type="checkbox"/> FULLY RATED</div>				
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#							
1	PANEL EH1	3-#4/0, 1-#4/0, 1-#4	225 A	3	10584	167115		3	800 A	2 runs of 3-#500, 1-#50	800A BUS RISER	2							
3	--	--	--	--		1540	169245		--	--	--	4							
5	--	--	--	--			3500	168361	--	--	--	6							
7	PANEL EH2A	3-#4/0, 1-#4/0, 1-#4	225 A	3	21442	0		--	--	--	PROVISION	8							
9	--	--	--	--		22714	0	--	--	--	-	10							
11	--	--	--	--			22714	0	--	--	-	12							
13	PANEL EH2B	3-#4/0, 1-#4/0, 1-#4	225 A	3	16667	0		--	--	--	PROVISION	14							
15	--	--	--	--		16667	0	--	--	--	-	16							
17	--	--	--	--			16667	0	--	--	-	18							
TOTAL LOAD (VA):					215807	210165	211242												
TOTAL CURRENT (A):					780	759	763												
TOTAL CONNECTED LOAD: 637214 VA TOTAL CONNECTED CURRENT: 766 A ESTIMATED DEMAND LOAD: 660641 VA ESTIMATED DEMAND CURRENT: 795 A							NOTES:												

PANEL EH2B														
LOCATION: SUPPLY SOURCE: EHPD VOLTAGE: 480/277 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO			BRANCHES: BOLT-ON POLES: 18 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...			<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR			AVAILABLE AIC: 10463 AIC RATING: 14 KAIC  SERIES RATED <input checked="" type="checkbox"/> FULLY RATED					
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	LIGHTING RELAY PANEL ELR2	3-#3, 1-#3, 1-#8	100 A	3	8333	0		1	20 A	--	SPARE	2		
3	--	--	--	--		8333	0	1	20 A	--	SPARE	4		
5	--	--	--	--			8333	0	1	20 A	--	6		
7	XFMR T-EL2B/PANEL EL2B	3-#4, 1-#4, 1-#8	70 A	3	8333	0		1	20 A	--	SPARE	8		
9	--	--	--	--		8333	0	1	20 A	--	SPARE	10		
11	--	--	--	--			8333	0	1	20 A	--	12		
13	PROVISION	--	--	--	0	0		1	20 A	--	SPARE	14		
15	--	--	--	--		0	0	1	20 A	--	SPARE	16		
17	-	--	--	--			0	0	1	20 A	--	18		
TOTAL LOAD (VA):					16667	16667	16667							
TOTAL CURRENT (A):					60	60	60							
TOTAL CONNECTED LOAD: 50000 VA TOTAL CONNECTED CURRENT: 60 A ESTIMATED DEMAND LOAD: 62500 VA ESTIMATED DEMAND CURRENT: 75 A							NOTES:							

PANEL EL2A

LOCATION: ELECTRIC MEZZ IP 103

SUPPLY SOURCE: T-EL2A

VOLTAGE: 120/208 Wye

BUS: 225 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: BOLT-ON

POLES: 30

MOUNTING: Surface

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC: 3592

AIC RATING: 10 KAIC

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	GEENRATOR BATTERY CHARGER	1-#12, 1-#12, 1-#12	20 A	1	1200	0		1	20 A	--	SPARE	2	
3	GENERATOR BOCK HEATER	2-#8, 1-#8, 1-#10	40 A	2		3000	0	1	20 A	--	SPARE	4	
5	--	--	--	--			3000	0	1	20 A	--	SPARE	6
7	DIMMER RACK EDR1	3-#3, 1-#3, 1-#8	100 A	3	8333	0		1	20 A	--	SPARE	8	
9	--	--	--	--		8333	0	1	20 A	--	SPARE	10	
11	--	--	--	--			8333	0	1	20 A	--	SPARE	12
13	EXHAUST FAN EF 1-3	1-#12, 1-#12, 1-#12	20 A	1	528	0		1	20 A	--	SPARE	14	
15	--	--	--	--			0	1	20 A	--	SPARE	16	
17	--	--	--	--				0	1	20 A	--	SPARE	18
19	--	--	--	--		0		--	--	--	PROVISION	20	
21	SPARE	--	20 A	1		0	0	--	--	--	PROVISION	22	
23	SPARE	--	20 A	1			0	0	--	--	PROVISION	24	
25	SPARE	--	20 A	1	0	0		--	--	--	PROVISION	26	
27	SPARE	--	20 A	1		0	0	0	--	--	PROVISION	28	
29	SPARE	--	20 A	1			0	0	--	--	PROVISION	30	
TOTAL LOAD (VA):					10061	11333	11333						
TOTAL CURRENT (A):					84	96	96						

TOTAL CONNECTED LOAD: 32728 VA

TOTAL CONNECTED CURRENT: 91 A

ESTIMATED DEMAND LOAD: 38978 VA

ESTIMATED DEMAND CURRENT: 108 A

NOTES:

PANEL EH9														
LOCATION: Space 145			BRANCHES: BOLT-ON			SHUNT TRIP MAIN CB			AVAILABLE AIC: 36330					
SUPPLY SOURCE: EHPD			POLES: 30			SERVICE ENTRANCE RATED			AIC RATING: 42 KAIC					
VOLTAGE: 480/277 Wye			MOUNTING: Surface			UL LISTED FEED-THROUGH LUGS								
BUS: 225 A			ENCLOSURE: Type 1			UL LISTED SUB-FEED LUGS			SERIES RATED					
MAINS RATING: 225 A			ACCESSORIE...:			ISOLATED GROUND BAR			X FULLY RATED					
MAINS TYPE: MLO														
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	ELEVATOR #7 (52 FLA)	3-#3, 1-#3, 1-#8	90 A	3	14404	0		1	20 A	--	SPARE	2		
3	--	--	--	--		14404	0	1	20 A	--	SPARE	4		
5	--	--	--	--			14404	0	1	20 A	--	SPARE	6	
7	ELEVATOR #8 (52 FLA)	3-#3, 1-#3, 1-#8	90 A	3	14404	0		1	20 A	--	SPARE	8		
9	--	--	--	--		14404	0	1	20 A	--	SPARE	10		
11	--	--	--	--			14404	0	1	20 A	--	SPARE	12	
13	ELEVATOR #9 (40 FLA)	3-#4, 1-#4, 1-#8	80 A	3	11080	0		1	20 A	--	SPARE	14		
15	--	--	--	--		11080	0	1	20 A	--	SPARE	16		
17	--	--	--	--			11080	0	1	20 A	--	SPARE	18	
19	XFMR T-EL9/PANEL	3-#8, 1-#8, 1-#10	50 A	3	617	0		1	20 A	--	SPARE	20		
21	--	--	--	--		2747	0	1	20 A	--	SPARE	22		
23	--	--	--	--			2363	0	1	20 A	--	SPARE	24	
25	SPARE	--	20 A	1	0	0		1	20 A	--	SPARE	26		
27	SPARE	--	20 A	1		0	0	1	20 A	--	SPARE	28		
29	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	30	
TOTAL LOAD (VA):					40505	42635	42251							
TOTAL CURRENT (A):					146	155	154							
TOTAL CONNECTED LOAD: 125390 VA														
TOTAL CONNECTED CURRENT: 151 A														
ESTIMATED DEMAND LOAD: 125390 VA														
ESTIMATED DEMAND CURRENT: 151 A														
NOTES:														



<b>LOCATION:</b>	<b>Branches: Bolt-On</b>	<b>MHNT TRIP MAIN CB</b>	<b>AVAILABLE AIC:</b> 24kA
<b>SUPPLY SOURCE:</b> EHPD	<b>POLES:</b> 42	<b>SERVICE ENTRANCE RATED</b>	<b>AIC RATING:</b> 42 kA/C
<b>VOLTAGE:</b> 480/277 Wye	<b>MOUNTING:</b> Surface	<b>UL LISTED FEED-THROUGH LUGS</b>	
<b>BUS:</b> 800 A	<b>ENCLOSURE:</b> NEMA 3R	<b>UL LISTED SUB-FEED LUGS</b>	<b>SERIES RATED</b>
<b>MAINS RATING:</b> 800 A	<b>ACCESSORIES:</b>	<b>ISOLATED GROUND BAR</b>	<input checked="" type="checkbox"/> FULLY RATED
<b>MAINS TYPE:</b> MLO			

Ckt#	Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Description	Ckt#
1	ELEVATOR #3 (52 FLA)	3-#3, 1-#3, 1-#8	90 A	3	14404	14404		3	90 A	3-#3, 1-#3, 1-#8	ELEVATOR #5 (52 FLA)	2
3	--	--	--	--		14404	14404	--	--	--	--	4
5	--	--	--	--			14404	14404	--	--	--	6
7	ELEVATOR #4 (52 FLA )	3-#3, 1-#3, 1-#8	90 A	3	14404	14404		3	90 A	3-#3, 1-#3, 1-#8	ELEVATOR #6 (52 FLA)	8
9	--	--	--	--		14404	14404	--	--	--	--	10
11	--	--	--	--			14404	14404	--	--	--	12
13	ELEVATOR #10 (52 FLA)	3-#3, 1-#3, 1-#8	90 A	3	14404	14404		3	90 A	3-#3, 1-#3, 1-#8	ELEVATOR #11 (52 FLA)	14
15	--	--	--	--		14404	14404	--	--	--	--	16
17	--	--	--	--			14404	14404	--	--	--	18
19	ELEVATOR #11 (52 FLA)	3-#3, 1-#3, 1-#8	90 A	3	14404	14404		3	90 A	3-#3, 1-#3, 1-#8	ELEVATOR #2 (52 FLA)	20
21	--	--	--	--		14404	14404	--	--	--	--	22
23	--	--	--	--			14404	14404	--	--	--	24
25	XFMR T-ELR/PANEL ELR	3-#8, 1-#8, 1-#10	50 A	3	6226	3047		3	20 A	3-#12, 1-#12, 1-#12	STAIR PRESSURIZATION FAN SPF-A	26
27	--	--	--	--		6226	3047	--	--	--	--	28
29	--	--	--	--			5726	3047	--	--	--	30
31	PROVISION	--	--	--	0	2105		3	20 A	3-#12, 1-#12, 1-#12	STAIR PRESSURIZATION FAN SPF-B	32
33	--	--	--	--		0	2105	--	--	--	--	34
35	--	--	--	--			0	2105	--	--	--	36
37	PROVISION	--	--	--	0	0		--	--	--	PROVISION	38
39	--	--	--	--		0	0	--	--	--	-	40
41	-	--	--	--				0	0	--	-	42
<b>TOTAL LOAD (VA):</b>					126610	126610	126110					
<b>TOTAL CURRENT (A):</b>					457	457	455					

<b>TOTAL CONNECTED LOAD:</b> 379331 VA <b>TOTAL CONNECTED CURRENT:</b> 456 A <b>ESTIMATED DEMAND LOAD:</b> 379331 VA <b>ESTIMATED DEMAND CURRENT:</b> 456 A	<b>NOTES:</b>
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LOCATION: Space 426				BRANCHES: BOLT-ON				SHUNT TRIP MAIN CB				AVAILABLE AIC: 7056							
SUPPLY SOURCE: LDP1				POLES: 72				SERVICE ENTRANCE RATED				AIC RATING: 10 KAIC							
VOLTAGE: 120/208 Wye				MOUNTING: Flush				UL LISTED FEED-THROUGH LUGS				SERIES RATED X FULLY RATED							
BUS: 225 A				ENCLOSURE: Type 1				UL LISTED SUB-FEED LUGS											
MAINS RATING: MLO				ACCESSORIES...				ISOLATED GROUND BAR											
MAINS TYPE: MLO																			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#							
1	EXPRESSO CAPPUCCINO MACHINE	2-#8, 1-#6, 1-#10	40 A	2	2704	0			1	20 A	--	SPARE	2						
3	--	--	--	--	--	2704	1560		1	20 A	1-#12, 1-#12, 1-#12	WORKTOP REFRIGERATOR	4						
5	SODA ICE & BEVERAGE DISPENSER	1-#12, 1-#12, 1-#12	20 A	1				840	1920	1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	6					
7	COFFEE BREWER	2-#8, 1-#6, 1-#10	40 A	2	1456	1920			1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	8						
9	--	--	--	--	--	1456	1920		1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	10						
11	ICE TEA BREWER	1-#12, 1-#12, 1-#12	20 A	1				1680	1920	1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	12					
13	ICE MACHINE	2-#12, 1-#12, 1-#12	20 A	2	1394	1560			1	20 A	1-#12, 1-#12, 1-#12	WORKTOP REFRIGERATOR	14						
15	--	--	--	--	--		1394	1560		1	20 A	1-#12, 1-#12, 1-#12	WORKTOP REFRIGERATOR	16					
17	ICE MACHINE	2-#12, 1-#12, 1-#12	20 A	2				1394	1200	1	20 A	1-#12, 1-#12, 1-#12	FOOD PAN WARMER	18					
19	--	--	--	--	--	1394	1200		1	20 A	1-#12, 1-#12, 1-#12	FOOD PAN WARMER	20						
21	ICE MACHINE	2-#12, 1-#12, 1-#12	20 A	2		1394	1664		2	30 A	2-#10, 1-#10, 1-#10	CONVEYOR TOASTER	22						
23	--	--	--	--	--			1394	1664	--	--	--	--	24					
25	ICE MACHINE	2-#12, 1-#12, 1-#12	20 A	2	1394	1664			2	30 A	2-#10, 1-#10, 1-#10	CONVEYOR TOASTER	26						
27	--	--	--	--	--	1394	1664		--	--	--	--	--	28					
29	SALAD DRYER	1-#12, 1-#12, 1-#12	20 A	1				180	1200	1	20 A	1-#12, 1-#12, 1-#12	FOOD PAN WARMER	30					
31	HEAT LAMPS	1-#10, 1-#10, 1-#10	20 A	1	1920	1200			1	20 A	1-#12, 1-#12, 1-#12	FOOD PAN WARMER	32						
33	HEAT LAMPS	1-#10, 1-#10, 1-#10	20 A	1			1920	500		1	20 A	1-#12, 1-#12, 1-#12	EXH HOOD #3 LIGHTS/CONTROLS	34					
35	HEAT LAMPS	1-#12, 1-#12, 1-#12	20 A	1				1920	500	1	20 A	1-#12, 1-#12, 1-#12	EXH HOOD #4 LIGHTS/CONTROLS	36					
37	SPARE	--	20 A	1	0	500			1	20 A	1-#12, 1-#12, 1-#12	EXH HOOD #2 LIGHTS/CONTROLS	38						
39	WORKTOP REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1		1560	500		1	20 A	1-#12, 1-#12, 1-#12	EXH HOOD #1 LIGHTS/CONTROLS	40						
41	WORKTOP REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1				1560	500	1	20 A	1-#12, 1-#12, 1-#12	EXH HOOD #6 LIGHTS/CONTROLS	42					
43	WORKTOP REFRIGERATOR	1-#12, 1-#12, 1-#12	20 A	1	1560	500			1	20 A</									

LOCATION: Space 426		BRANCHES: BOLT-ON		SHUNT TRIP MAIN CB		AVAILABLE AIC: 7056								
SUPPLY SOURCE: LDP1		POLES: 42		___ SERVICE ENTRANCE RATED		AIC RATING: 10 KAIC								
VOLTAGE: 120/208 Wye		MOUNTING: Flush		___ UL LISTED FEED-THROUGH LUGS		___ SERIES RATED								
BUS: 225 A		ENCLOSURE: Type 1		___ UL LISTED SUB-FEED LUGS		___ FULLY RATED								
MAINS RATING: 225 A		ACCESSORIE...		___ ISOLATED GROUND BAR										
MAINS TYPE: MLO														
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#		
1	SALAD DRYER	1-#12, 1-#12, 1-#12	20 A	1	1704	1176			1	20 A	1-#12, 1-#12, 1-#12	REACH-IN FREEZER	2	
3	REFRIGERATED EQUIPMENT STAND	1-#10, 1-#10, 1-#10	20 A	1		1704	684		1	20 A	1-#12, 1-#12, 1-#12	ICE CREAM DIPPING STATION	4	
5	PIZZA PREP TABLE	1-#12, 1-#12, 1-#12	20 A	1			1644	840	1	20 A	1-#12, 1-#12, 1-#12	SLICER	6	
7	COMBI OVEN	1-#12, 1-#12, 1-#12	20 A	1	900	720			1	20 A	1-#12, 1-#12, 1-#12	CONVECTION OVEN	8	
9	CONVECTION STEAMER	1-#12, 1-#12, 1-#12	20 A	1		1800	720		1	20 A	1-#12, 1-#12, 1-#12	CONVECTION OVEN	10	
11	CONVECTION STEAMER	1-#12, 1-#12, 1-#12	20 A	1				1800	1044	1	20 A	1-#12, 1-#12, 1-#12	FRYER	12
13	TILTING KETTLE	1-#12, 1-#12, 1-#12	20 A	1	600	1044			1	20 A	1-#12, 1-#12, 1-#12	FRYER	14	
15	FRYER	1-#12, 1-#12, 1-#12	20 A	1		1044	1044		1	20 A	1-#12, 1-#12, 1-#12	FRYER	16	
17	FRYER	1-#12, 1-#12, 1-#12	20 A	1				1044	1812	1	20 A	1-#10, 1-#10, 1-#10	FRYER DUMP STATION	18
19	FRYER	1-#12, 1-#12, 1-#12	20 A	1	1044	1644			1	20 A	1-#12, 1-#12, 1-#12	PIZZA PREP REFRIGERATOR	20	
21	DUMP STATION	1-#12, 1-#12, 1-#12	20 A	1		1812	0		1	20 A	--	SPARE	22	
23	DUMP STATION	1-#12, 1-#12, 1-#12	20 A	1			1812	0	1	20 A	--	SPARE	24	
25	EXHAUST FAN DEF-1	1-#12, 1-#12, 1-#12	20 A	1	864	0			1	20 A	--	SPARE	26	
27	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	28	
29	SPARE	--	20 A	1				0	0	1	20 A	--	SPARE	30
31	SPARE	--	20 A	1	0	360			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	32	
33	SPARE	--	20 A	1		0	360		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	34	
35	SPARE	--	20 A	1				0	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	36
37	SPARE	--	20 A	1	0	540			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	38	
39	SPARE	--	20 A	1		0	360		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	40	
41	SPARE	--	20 A	1				0	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN CONVENIENCE RECEP	42
		TOTAL LOAD (VA):		10596		9528		11076						
		TOTAL CURRENT (A):		90		79		94						
TOTAL CONNECTED LOAD: 31200 VA						NOTES:								
TOTAL ESTIMATED CURRENT: 87 A														
ESTIMATED DEMAND LOAD: 21527 VA														
ESTIMATED DEMAND CURRENT: 60 A														

<b>LOCATION:</b> Space 540 <b>SUPPLY SOURCE:</b> LDP2A <b>VOLTAGE:</b> 120/208 Wye <b>BUS:</b> 150 A <b>MAINS RATING:</b> 150 A <b>MAINS TYPE:</b> MLO				<b>BRANCHES:</b> BOLT-ON <b>POLES:</b> 30 <b>MOUNTING:</b> Flush <b>ENCLOSURE:</b> Type 1 <b>ACCESSORIE...</b>				_____ SHUNT TRIP MAIN CB _____ SERVICE ENTRANCE RATED _____ UL LISTED FEED-THROUGH LUGS _____ UL LISTED SUB-FEED LUGS _____ ISOLATED GROUND BAR				<b>AVAILABLE AIC:</b> 3201 <b>AIC RATING:</b> 10 kAIC  _____ SERIES RATED <input checked="" type="checkbox"/> FULLY RATED			
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		C		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	CONVECTION OVEN	1-#12, 1-#12, 1-#12	20 A	1	1440	1656					1	20 A	1-#10, 1-#10, 1-#10	HEATED BANQUET CART	2
3	TILTING SKILLET	1-#12, 1-#12, 1-#12	20 A	1			1440	1656			1	20 A	1-#10, 1-#10, 1-#10	HEATED BANQUET CART	4
5	CONVECTION OVEN	1-#12, 1-#12, 1-#12	20 A	1					1440	1176	1	20 A	1-#12, 1-#12, 1-#12	REACH-IN FREEZER	6
7	CONVECTION OVEN	1-#12, 1-#12, 1-#12	20 A	1	1440	1176					1	20 A	1-#12, 1-#12, 1-#12	REACH-IN FREEZER	8
9	COMBI OVEN	1-#12, 1-#12, 1-#12	20 A	1			1080	1500			1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	10
11	STEAMER	1-#12, 1-#12, 1-#12	20 A	1					1800	1500	1	20 A	1-#12, 1-#12, 1-#12	HEAT LAMPS	12
13	STEAMER	1-#12, 1-#12, 1-#12	20 A	1	1800	0					1	20 A	--	SPARE	14
15	SPARE	--	20 A	1			0	0			1	20 A	--	SPARE	16
17	SPARE	--	20 A	1					0	0	1	20 A	--	SPARE	18
19	SPARE	--	20 A	1	0	0					1	20 A	--	SPARE	20
21	SPARE	--	20 A	1			0	0			1	20 A	--	SPARE	22
23	SPARE	--	20 A	1					0	0	1	20 A	--	SPARE	24
25	SPARE	--	20 A	1	0	0					--	--	--	PROVISION	26
27	SPARE	--	20 A	1			0	0			--	--	--	PROVISION	28
29	SPARE	--	20 A	1					0	0	--	--	--	PROVISION	30
<b>TOTAL LOAD (VA):</b>					7512		5676		5916						
<b>TOTAL CURRENT (A):</b>					63		47		50						
<b>TOTAL CONNECTED LOAD:</b> 19104 VA <b>TOTAL CONNECTED CURRENT:</b> 53 A <b>ESTIMATED DEMAND LOAD:</b> 12418 VA <b>ESTIMATED DEMAND CURRENT:</b> 34 A										<b>NOTES:</b>					



PANEL KLP2A													
LOCATION: Space 476 SUPPLY SOURCE: LDP2B VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 30 MOUNTING: Flush ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 8716 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	DISHWASHER	3-#4, 1-#4, 1-#8	70 A	3	6600	1680			1	20 A	1-#12, 1-#12, 1-#12	ICE TEA BREWER	2
3	--	--	--	--	--	6600	1680		1	20 A	1-#12, 1-#12, 1-#12	ROLL-IN REFRIGERATOR	4
5	--	--	--	--	--		6600	1680	1	20 A	1-#12, 1-#12, 1-#12	ROLL-IN REFRIGERATOR	6
7	SUPPORT RM CONVENIENCE...	1-#12, 1-#12, 1-#12	20 A	1	540	1656			1	20 A	1-#12, 1-#12, 1-#12	HEATED BANQUET CART	8
9	ICE CUBER	2-#10, 1-#10, 1-#10	30 A	2		2330	1656		1	20 A	1-#12, 1-#12, 1-#12	HEATED BANQUET CART	10
11	--	--	--	--	--		2330	1200	1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	12
13	SPARE	--	20 A	1	0	1200			1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	14
15	EXHAUST FAN DEF-3	1-#12, 1-#12, 1-#12	20 A	1		1176	1200		1	20 A	1-#12, 1-#12, 1-#12	PREFUNCTION FOOD WARMER	16
17	SPARE	--	20 A	1			0	3827	2	50 A	1-#12, 1-#12, 1-#12	LARGE COFFEE BREWER	18
19	SPARE	--	20 A	1	0	3827		--	--	--	--	--	20
21	SPARE	--	20 A	1		0	0	--	--	--	--	--	22
23	SPARE	--	20 A	1			0	0	--	--	--	--	24
25	SPARE	--	20 A	1	0	0		--	--	--	--	--	26
27	SPARE	--	20 A	1		0	0	--	--	--	--	--	28
29	SPARE	--	20 A	1			0	0	--	--	--	--	30
TOTAL LOAD (VA):					15503	14642	15637						
TOTAL CURRENT (A):					130	122	131						
TOTAL CONNECTED LOAD: 45781 VA TOTAL CONNECTED CURRENT: 127 A ESTIMATED DEMAND LOAD: 30358 VA ESTIMATED DEMAND CURRENT: 84 A								NOTES:					

PANEL KLP2B													
LOCATION: Space 500 SUPPLY SOURCE: LDP2A VOLTAGE: 120/208 Wye BUS: 225 A MAINS RATING: 225 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 30 MOUNTING: Flush ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 6389 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	DISHWASHER	3-#4, 1-#4, 1-#8	70 A	3	6600	1680			1	20 A	1-#12, 1-#12, 1-#12	ICE TEA BREWER	2
3	--	--	--	--	--	6600	1680		1	20 A	1-#12, 1-#12, 1-#12	ROLL-IN REFRIGERATOR	4
5	--	--	--	--	--		6600	1680	1	20 A	1-#12, 1-#12, 1-#12	ROLL-IN REFRIGERATOR	6
7	SUPPORT RM CONVENIENCE...	1-#12, 1-#12, 1-#12	20 A	1	360	1656			1	20 A	1-#12, 1-#12, 1-#12	HEATED BANQUET CART	8
9	ICE CUBER	2-#10, 1-#10, 1-#10	30 A	2		2330	1656		1	20 A	1-#12, 1-#12, 1-#12	HEATED BANQUET CART	10
11	--	--	--	--	--		2330	3827	2	50 A	1-#12, 1-#12, 1-#12	LARGE COFFEE BREWER	12
13	SPARE	--	20 A	1	0	3827		--	--	--	--	--	14
15	EXHAUST FAN DEF-2	1-#12, 1-#12, 1-#12	20 A	1		1176	0		1	20 A	--	SPARE	16
17	SPARE	--	20 A	1			0	0	1	20 A	--	SPARE	18
19	SPARE	--	20 A	1	0	0		--	--	--	--	PROVISION	20
21	SPARE	--	20 A	1		0	0		--	--	--	PROVISION	22
23	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	24
25	SPARE	--	20 A	1	0	0		--	--	--	--	PROVISION	26
27	SPARE	--	20 A	1		0	0	--	--	--	--	PROVISION	28
29	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	30
TOTAL LOAD (VA):					14123	13442	14437						
TOTAL CURRENT (A):					119	112	121						
TOTAL CONNECTED LOAD: 42001 VA TOTAL CONNECTED CURRENT: 117 A ESTIMATED DEMAND LOAD: 27838 VA ESTIMATED DEMAND CURRENT: 77 A								NOTES:					

KLP4													
LOCATION: Space 476 SUPPLY SOURCE: LP5 VOLTAGE: 120/208 Wye BUS: 100 A MAINS RATING: 100 A MAINS TYPE: MLO				BRANCHES: BOLT-ON POLES: 42 MOUNTING: Surface ENCLOSURE: Type 1 ACCESSORIE...				SHUNT TRIP MAIN CB SERVICE ENTRANCE RATED UL LISTED FEED-THROUGH LUGS UL LISTED SUB-FEED LUGS ISOLATED GROUND BAR				AVAILABLE AIC: 4813 AIC RATING: 10 KAIC SERIES RATED X FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MILK DISPENSER	1-#12, 1-#12, 1-#12	20 A	1	168	1259			2	20 A	2-#12, 1-#12, 1-#12	INDUCTION OVEN	2
3	MICROWAVE	1-#12, 1-#12, 1-#12	20 A	1		1560	1259		--	--	--	--	4
5	SODA ICE DISPENSER	1-#12, 1-#12, 1-#12	20 A	1			840	1259	2	20 A	2-#12, 1-#12, 1-#12	INDUCTION OVEN	6
7	COLD FOOD WELL	1-#12, 1-#12, 1-#12	20 A	1	1200	1259			--	--	--	--	8
9	INDUCTION FOOD PAN WARMER	1-#12, 1-#12, 1-#12	20 A	1		252	1259		2	20 A	2-#12, 1-#12, 1-#12	INDUCTION OVEN	10
11	INDUCTION FOOD PAN WARMER	1-#12, 1-#12, 1-#12	20 A	1			252	1259	--	--	--	--	12
13	SPARE	--	20 A	1	0	1259			2	20 A	2-#12, 1-#12, 1-#12	INDUCTION OVEN	14
15	SPARE	--	20 A	1		0	1259		--	--	--	--	16
17	CONVEYOR TOASTER	2-#12, 1-#12, 1-#12	20 A	2			1664	540	1	20 A	1-#12, 1-#12, 1-#12	EMPLOYEE CAFETERIA RECEP	18
19	--	--	--	--	1664	900			1	20 A	1-#8, 1-#8, 1-#8	EMPLOYEE CAFETERIA RECEP	20
21	SPARE	--	20 A	1		0	960		1	20 A	1-#12, 1-#12, 1-#12	EMPLOYEE CAFETERIA TELEVISIONS	22
23	MENS LOCKER ROOM RECEP	1-#12, 1-#12, 1-#12	20 A	1			360	0	1	20 A	--	SPARE	24
25	WOMENS LOCKER ROOM RECEP	1-#12, 1-#12, 1-#12	20 A	1	360	0			1	20 A	--	SPARE	26
27	MENS RESTROOM RECEP	1-#12, 1-#12, 1-#12	20 A	1		180	0		1	20 A	--	SPARE	28
29	MENS RESTROOM HAND DRYER	1-#12, 1-#12, 1-#12	20 A	1			924	0	1	20 A	--	SPARE	30
31	WOMENS RESTROOM RECEP	1-#12, 1-#12, 1-#12	20 A	1	180	0			1	20 A	--	SPARE	32
33	WOMENS RESTROOM HAND DRYER	1-#12, 1-#12, 1-#12	20 A	1		924	0		--	--	--	PROVISION	34
35	EXHAUST FAN 4-1	1-#10, 1-#10, 1-#10	20 A	1			864	0	--	--	--	PROVISION	36
37	SPARE	--	20 A	1	0	0		--	--	--	--	PROVISION	38
39	SPARE	--	20 A	1		0	0	--	--	--	--	PROVISION	40
41	SPARE	--	20 A	1			0	0	--	--	--	PROVISION	42
TOTAL LOAD (VA):					8248	7652	7961						
TOTAL CURRENT (A):					69	64	67						
TOTAL CONNECTED LOAD: 23860 VA TOTAL CONNECTED CURRENT: 66 A ESTIMATED DEMAND LOAD: 18222 VA ESTIMATED DEMAND CURRENT: 51 A								NOTES:					

HB

HARRY  
BAKER  
SMITH

SA II

ARCHITECTS II

P L L C

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SINCE 1961

HARD ROCK

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NEW ORLEANS, LOUISIANA

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CERTIFIED CORRECT

STATE OF LOUISIANA

L.C. ZIMMERMANN  
REG. NO. 16249  
REGISTERED ELECTRICAL ENGINEER

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REVISION HISTORY									

PANEL SCHEDULES

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

MOSES

ENGINEERS

CONSULTING ENGINEERS  
909 Poydras Street, Suite 2150  
New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

E6.16

PANEL 1500													
<b>LOCATION:</b> ENTRY 1500-1 <b>SUPPLY SOURCE:</b> <b>VOLTAGE:</b> 120/208 Single <b>BUS:</b> 150 A <b>MAINS RATING:</b> 150 A <b>MAINS TYPE:</b> MB				<b>BRANCHES:</b> STAB-IN <b>POLES:</b> 24 <b>MOUNTING:</b> Flush <b>ENCLOSURE:</b> Type 1 <b>ACCESSORY:</b> ...				SHUNT TRIP MAIN CB ___ SERVICE ENTRANCE RATED ___ UL LISTED FEED-THROUGH LUGS ___ UL LISTED SUB-FEED LUGS ___ ISOLATED GROUND BAR					
								<b>AVAILABLE AIC:</b> <b>AIC RATING:</b> ___ SERIES RATED <input checked="" type="checkbox"/> FULLY RATED					
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	890	360			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	2
3	MASTER BATHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			180	860	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1200			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	890			1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	LAUNDRY/LIVING RM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360						12
13						2700			2	40 A	2-#8, 1-#8, 1-#10	DRYER	14
15								2700	--	--	--	--	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	18
19	--	--	--	--			2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22
23	--	--	--	--			3000	0	1	20 A	--	SPARE	24
<b>TOTAL LOAD (VA):</b>					13653		10643						
<b>TOTAL CURRENT (A):</b>					127		102						
<b>TOTAL CONNECTED LOAD:</b> 24296 VA <b>TOTAL CONNECTED CURRENT:</b> 117 A <b>ESTIMATED DEMAND LOAD:</b> 23761 VA <b>ESTIMATED DEMAND CURRENT:</b> 114 A								<b>NOTES:</b> 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.					

PANEL 1502																																																																																																																																																																																																																														
<b>LOCATION:</b> HALL 1502-9 <b>SUPPLY SOURCE:</b> <b>VOLTAGE:</b> 120/208 Single <b>BUS:</b> 150 A <b>MAINS RATING:</b> 150 A <b>MAINS TYPE:</b> MB				<b>BRANCHES:</b> STAB-IN <b>POLES:</b> 24 <b>MOUNTING:</b> Flush <b>ENCLOSURE:</b> Type 1 <b>ACCESSORY...</b>				SHUNT TRIP MAIN CB ___ SERVICE ENTRANCE RATED ___ UL LISTED FEED-THROUGH LUGS ___ UL LISTED SUB-FEED LUGS ___ ISOLATED GROUND BAR				<b>AVAILABLE AIC:</b> <b>AIC RATING:</b> ___ SERIES RATED X FULLY RATED																																																																																																																																																																																																																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>CKT#</th> <th>DESCRIPTION</th> <th>WIRE SIZE</th> <th>TRIP</th> <th>POLES</th> <th>A</th> <th>B</th> <th>POLES</th> <th>TRIP</th> <th>WIRE SIZE</th> <th>DESCRIPTION</th> <th>CKT#</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BEDROOM RECEPTALS</td> <td>1-#12, 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>1430</td> <td>860</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12, 1-#12, 1-#12</td> <td>KITCHEN RECEPTALS/EXH HOOD</td> <td>2</td> </tr> <tr> <td>3</td> <td>BATHROOM RECEPTALS</td> <td>1-#12, 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>360</td> <td>360</td> <td>1</td> <td>20 A</td> <td>1-#12, 1-#12, 1-#12</td> <td>KITCHEN RECEPTALS</td> <td>4</td> </tr> <tr> <td>5</td> <td>LIVING ROOM RECEPTALS</td> <td>1-#12, 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>720</td> <td>1200</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12, 1-#12, 1-#12</td> <td>MICROWAVE</td> <td>6</td> </tr> <tr> <td>7</td> <td>LIVING ROOM RECEPTALS</td> <td>1-#12, 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>710</td> <td>1200</td> <td>1</td> <td>20 A</td> <td>1-#12, 1-#12, 1-#12</td> <td>DISHWASHER</td> <td>8</td> </tr> <tr> <td>9</td> <td>MEDIA BOX RECEPTACLE</td> <td>1-#12, 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>180</td> <td>0</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>10</td> </tr> <tr> <td>11</td> <td>SPARE</td> <td>--</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1200</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12, 1-#12, 1-#12</td> <td>WASHER</td> <td>14</td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2700</td> <td>2</td> <td>40 A</td> <td>2-#8, 1-#10</td> <td></td> <td>DRYER</td> <td>16</td> </tr> <tr> <td>17</td> <td>AC UNIT</td> <td>2-#10, 1-#10, 1-#10</td> <td>30 A</td> <td>2</td> <td>2163</td> <td>2700</td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td>18</td> </tr> <tr> <td>19</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>2163</td> <td>0</td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>20</td> </tr> <tr> <td>21</td> <td>WATER HEATER</td> <td>2-#8, 1-#8, 1-#10</td> <td>40 A</td> <td>2</td> <td>3000</td> <td>0</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>22</td> </tr> <tr> <td>23</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>3000</td> <td>0</td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>24</td> </tr> <tr> <td colspan="5" style="text-align: right; padding: 5px;"><b>TOTAL LOAD (VA):</b></td> <td colspan="2" style="text-align: center; padding: 5px;">13453</td> <td colspan="2" style="text-align: center; padding: 5px;">10493</td> <td colspan="5"></td> </tr> <tr> <td colspan="5" style="text-align: right; padding: 5px;"><b>TOTAL CURRENT (A):</b></td> <td colspan="2" style="text-align: center; padding: 5px;">126</td> <td colspan="2" style="text-align: center; padding: 5px;">101</td> <td colspan="5"></td> </tr> </tbody> </table>															CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	1	BEDROOM RECEPTALS	1-#12, 1-#12, 1-#12	20 A	1	1430	860			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTALS/EXH HOOD	2	3	BATHROOM RECEPTALS	1-#12, 1-#12, 1-#12	20 A	1			360	360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTALS	4	5	LIVING ROOM RECEPTALS	1-#12, 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6	7	LIVING ROOM RECEPTALS	1-#12, 1-#12, 1-#12	20 A	1			710	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	0			1	20 A	--	SPARE	10	11	SPARE	--	20 A	1			0						12	13						1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14	15							2700	2	40 A	2-#8, 1-#10		DRYER	16	17	AC UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--		18	19	--	--	--	--			2163	0	1	20 A	--	SPARE	20	21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22	23	--	--	--	--			3000	0	1	20 A	--	SPARE	24	<b>TOTAL LOAD (VA):</b>					13453		10493							<b>TOTAL CURRENT (A):</b>					126		101						
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<b>TOTAL CONNECTED LOAD:</b> 23946 VA <b>TOTAL CONNECTED CURRENT:</b> 115 A <b>ESTIMATED DEMAND LOAD:</b> 23586 VA <b>ESTIMATED DEMAND CURRENT:</b> 113 A							<b>NOTES:</b> 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.																																																																																																																																																																																																																							

<div><div>LOCATION: BEDROOM 2 1504-6</div><div>SUPPLY SOURCE:</div><div>VOLTAGE: 120/208 Single</div><div>BUS: 150 A</div><div>MAINS RATING: 150 A</div><div>MAINS TYPE: MB</div></div> <div><div>BRANCHES: STAB-IN</div><div>POLES: 24</div><div>MOUNTING: Flush</div><div>ENCLOSURE: Type 1</div><div>ACCESSORIE...</div></div> <div><div><input type="checkbox"/> SHUNT TRIP MAIN CB</div><div><input type="checkbox"/> SERVICE ENTRANCE RATED</div><div><input type="checkbox"/> UL LISTED FEED-THROUGH LUGS</div><div><input type="checkbox"/> UL LISTED SUB-FEED LUGS</div><div><input type="checkbox"/> ISOLATED GROUND BAR</div></div> <div><div>AVAILABLE AIC:</div><div>AIC RATING:</div><div><div>SERIES RATED</div><div><input checked="" type="checkbox"/> FULLY RATED</div></div></div>																																																																																																																																																																																																																																											
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3	MASTER BATHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4																																																																																																																																																																																																																														
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1200			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6																																																																																																																																																																																																																														
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8																																																																																																																																																																																																																														
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	720			1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10																																																																																																																																																																																																																														
13	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1				710					14																																																																																																																																																																																																																														
						1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	16																																																																																																																																																																																																																														
15								2700	2	40 A	2-#6, 1-#8, 1-#10	DRYER	18																																																																																																																																																																																																																														
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700			--	--	--	--	20																																																																																																																																																																																																																														
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21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	24																																																																																																																																																																																																																														
23	--	--	--	--			3000	0	1	20 A	--	SPARE																																																																																																																																																																																																																															
TOTAL LOAD (VA):					14343		10653																																																																																																																																																																																																																																				
TOTAL CURRENT (A):					133		104																																																																																																																																																																																																																																				
<div><div>TOTAL CONNECTED LOAD: 25196 VA</div><div>TOTAL CONNECTED CURRENT: 121 A</div><div>ESTIMATED DEMAND LOAD: 24211 VA</div><div>ESTIMATED DEMAND CURRENT: 116 A</div></div> <div><div>NOTES:</div><div>1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.</div></div>																																																																																																																																																																																																																																											

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 30%;"> <b>LOCATION:</b> HALL 1506-B  <b>SUPPLY SOURCE:</b>  <b>VOLTAGE:</b> 120/208 Single  <b>BUS:</b> 150 A  <b>MAINS RATING:</b> 150 A  <b>MAINS TYPE:</b> MB                         </div> <div style="width: 30%;"> <b>BRANCHES:</b> STAB-IN  <b>POLES:</b> 24  <b>MOUNTING:</b> Flush  <b>ENCLOSURE:</b> Type 1  <b>ACCESSORIE...</b> </div> <div style="width: 30%;"> <input type="checkbox"/> SHUNT TRIP MAIN CB  <input type="checkbox"/> SERVICE ENTRANCE RATED  <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS  <input type="checkbox"/> UL LISTED SUB-FEED LUGS  <input type="checkbox"/> ISOLATED GROUND BAR                         </div> <div style="width: 10%; text-align: right;"> <b>AVAILABLE AIC:</b>  <b>AIC RATING:</b>    <input type="checkbox"/> SERIES RATED  <input checked="" type="checkbox"/> FULLY RATED                         </div> </div>														
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#			
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2		
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4	
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	1000			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6	
7	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	
9						0			1	20 A	--	SPARE	10	
11													12	
13					1200				1	20 A	1-#12, 1-#12, 1-#12	WASHER	14	
15							2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16		
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	--	18	
19	--	--	--	--			2163	0	1	20 A	--	SPARE	20	
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22	
23	--	--	--	--			3000	0	1	20 A	--	SPARE	24	
<b>TOTAL LOAD (VA):</b>					13243		9783							
<b>TOTAL CURRENT (A):</b>					123		94							
<b>TOTAL CONNECTED LOAD:</b> 23026 VA <b>TOTAL CONNECTED CURRENT:</b> 111 A <b>ESTIMATED DEMAND LOAD:</b> 23026 VA <b>ESTIMATED DEMAND CURRENT:</b> 111 A							<b>NOTES:</b> 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.							

[illegible]

PANEL 1503																																																																																																																																																																																																																																															
<b>LOCATION:</b> ENTRY 1503-1 <b>SUPPLY SOURCE:</b> <b>VOLTAGE:</b> 120/208 Single <b>BUS:</b> 150 A <b>MAINS RATING:</b> 150 A <b>MAINS TYPE:</b> MB					<b>BRANCHES:</b> STAB-IN <b>POLES:</b> 24 <b>MOUNTING:</b> Flush <b>ENCLOSURE:</b> Type 1 <b>ACCESSORIES:</b>					SHUNT TRIP MAIN CB ___ SERVICE ENTRANCE RATED ___ UL LISTED FEED-THROUGH LUGS ___ UL LISTED SUB-FEED LUGS ___ ISOLATED GROUND BAR					<b>AVAILABLE AIC:</b> <b>AIC RATING:</b> ___ SERIES RATED <input checked="" type="checkbox"/> FULLY RATED																																																																																																																																																																																																																																
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 5%;">CKT#</th> <th style="width: 20%;">DESCRIPTION</th> <th style="width: 10%;">WIRE SIZE</th> <th style="width: 5%;">TRIP</th> <th style="width: 5%;">POLES</th> <th style="width: 10%;">A</th> <th style="width: 10%;">B</th> <th style="width: 5%;">POLES</th> <th style="width: 5%;">TRIP</th> <th style="width: 10%;">WIRE SIZE</th> <th style="width: 20%;">DESCRIPTION</th> <th style="width: 5%;">CKT#</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>BEDROOM RECEPTACLES</td> <td>1-#12 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>1250</td> <td>860</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12 1-#12, 1-#12</td> <td>KITCHEN RECEPTACLES/EXH HOOD</td> <td>2</td> </tr> <tr> <td>3</td> <td>BATHROOM RECEPTACLES</td> <td>1-#12 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>360</td> <td>360</td> <td>1</td> <td>20 A</td> <td>1-#12 1-#12, 1-#12</td> <td>KITCHEN RECEPTACLES</td> <td>4</td> </tr> <tr> <td>5</td> <td>LIVING ROOM RECEPTACLES</td> <td>1-#12 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>720</td> <td>1200</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12 1-#12, 1-#12</td> <td>MICROWAVE</td> <td>6</td> </tr> <tr> <td>7</td> <td>LIVING ROOM RECEPTACLES</td> <td>1-#12 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>710</td> <td>1200</td> <td>1</td> <td>20 A</td> <td>1-#12 1-#12, 1-#12</td> <td>DISHWASHER</td> <td>8</td> </tr> <tr> <td>9</td> <td>MEDIA BOX RECEPTACLE</td> <td>1-#12 1-#12, 1-#12</td> <td>20 A</td> <td>1</td> <td>180</td> <td>0</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>10</td> </tr> <tr> <td>11</td> <td>SPARE</td> <td>--</td> <td>20 A</td> <td>1</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1200</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>1-#12 1-#12, 1-#12</td> <td>WASHER</td> <td>14</td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2700</td> <td>2</td> <td>40 A</td> <td>2-#8, 1-#10</td> <td></td> <td>DRYER</td> <td>16</td> </tr> <tr> <td>17</td> <td>A/C UNIT</td> <td>2-#10, 1-#10, 1-#10</td> <td>30 A</td> <td>2</td> <td>2163</td> <td>2700</td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td>18</td> </tr> <tr> <td>19</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>2163</td> <td>0</td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>20</td> </tr> <tr> <td>21</td> <td>WATER HEATER</td> <td>2-#8, 1-#8, 1-#10</td> <td>40 A</td> <td>2</td> <td>3000</td> <td>0</td> <td></td> <td></td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>22</td> </tr> <tr> <td>23</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>3000</td> <td>0</td> <td>1</td> <td>20 A</td> <td>--</td> <td>SPARE</td> <td>24</td> </tr> <tr> <td colspan="5" style="text-align: right; padding: 5px;"><b>TOTAL LOAD (VA):</b></td> <td colspan="5" style="text-align: right; padding: 5px;">13273</td> <td colspan="5" style="text-align: right; padding: 5px;">10493</td> </tr> <tr> <td colspan="5" style="text-align: right; padding: 5px;"><b>TOTAL CURRENT (A):</b></td> <td colspan="5" style="text-align: right; padding: 5px;">124</td> <td colspan="5" style="text-align: right; padding: 5px;">101</td> </tr> <tr> <td colspan="15" style="padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>TOTAL CONNECTED LOAD:</b> 23766 VA  <b>TOTAL CONNECTED CURRENT:</b> 114 A  <b>ESTIMATED DEMAND LOAD:</b> 23496 VA  <b>ESTIMATED DEMAND CURRENT:</b> 113 A           </div> <div style="width: 50%;"> <b>NOTES:</b>            1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.         </div> </div> </td> </tr> </tbody> </table>															CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	1	BEDROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1	1250	860			1	20 A	1-#12 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2	3	BATHROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1			360	360	1	20 A	1-#12 1-#12, 1-#12	KITCHEN RECEPTACLES	4	5	LIVING ROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12 1-#12, 1-#12	MICROWAVE	6	7	LIVING ROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1			710	1200	1	20 A	1-#12 1-#12, 1-#12	DISHWASHER	8	9	MEDIA BOX RECEPTACLE	1-#12 1-#12, 1-#12	20 A	1	180	0			1	20 A	--	SPARE	10	11	SPARE	--	20 A	1			0						12	13						1200			1	20 A	1-#12 1-#12, 1-#12	WASHER	14	15							2700	2	40 A	2-#8, 1-#10		DRYER	16	17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--		18	19	--	--	--	--			2163	0	1	20 A	--	SPARE	20	21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22	23	--	--	--	--			3000	0	1	20 A	--	SPARE	24	<b>TOTAL LOAD (VA):</b>					13273					10493					<b>TOTAL CURRENT (A):</b>					124					101					<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <b>TOTAL CONNECTED LOAD:</b> 23766 VA  <b>TOTAL CONNECTED CURRENT:</b> 114 A  <b>ESTIMATED DEMAND LOAD:</b> 23496 VA  <b>ESTIMATED DEMAND CURRENT:</b> 113 A           </div> <div style="width: 50%;"> <b>NOTES:</b>            1. 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3	BATHROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1			360	360	1	20 A	1-#12 1-#12, 1-#12	KITCHEN RECEPTACLES	4																																																																																																																																																																																																																																		
5	LIVING ROOM RECEPTACLES	1-#12 1-#12, 1-#12	20 A	1	720	1200			1	20 A	1-#12 1-#12, 1-#12	MICROWAVE	6																																																																																																																																																																																																																																		
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11	SPARE	--	20 A	1			0						12																																																																																																																																																																																																																																		
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21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22																																																																																																																																																																																																																																		
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# PANEL 1505

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

**LOCATION:** BEDROOM 1505-5

**SUPPLY SOURCE:**

**VOLTAGE:** 120/208 Single

**BUS:** 150 A

**MAINS RATING:** 150 A

**MAINS TYPE:** MB

**BRANCHES:** STAB-IN

**POLES:** 24

**MOUNTING:** Flush

**ENCLOSURE:** Type 1

**ACCESSORIES:** \_\_\_\_\_

☐ SHUNT TRIP MAIN CB

☐ SERVICE ENTRANCE RATED

☐ UL LISTED FEED-THROUGH LUGS

☐ UL LISTED SUB-FEED LUGS

☐ ISOLATED GROUND BAR

**AVAILABLE AIC:**

**AIC RATING:**

☐ SERIES RATED

☒ FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	890	360		1	20 A	1-#12, 1-#12, 1-#12	2	
3	BATHROOM GFCI RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	540	1	20 A	1-#12, 1-#12, 1-#12	4
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1380	1200			1	20 A	1-#12, 1-#12, 1-#12	6
7	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	1200	1	20 A	1-#12, 1-#12, 1-#12	8
9	MISC RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	540							10
11	SPARE	--	20 A	1			0	0	1	20 A	--	12
13	ROOFTOP HEAT PUMP	2-#10, 1-#10, 1-#10	25 A	2	1373	1200			1	20 A	1-#12, 1-#12, 1-#12	14
15	--	--	--	--			1373	2700	2	40 A	2-#8, 1-#8, 1-#10	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700			--	--	--	18
19	--	--	--	--			2163	0	1	20 A	--	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	22
23	--	--	--	--			3000	0	1	20 A	--	24
<b>TOTAL LOAD (VA):</b>					14806	11336						
<b>TOTAL CURRENT (A):</b>					138	109						

**TOTAL CONNECTED LOAD:** 26142 VA

**TOTAL CONNECTED CURRENT:** 126 A

**ESTIMATED DEMAND LOAD:** 26137 VA

**ESTIMATED DEMAND CURRENT:** 126 A

**NOTES:**

1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.

PANEL 1508

LOCATION: ENTRY 1508-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1040		1	20 A	1-#12, 1-#12, 1-#12	2
3	MASTER BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	540	1	20 A	1-#12, 1-#12, 1-#12	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	890	1000		1	20 A	1-#12, 1-#12, 1-#12	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1200	1	20 A	1-#12, 1-#12, 1-#12	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	890		1	20 A	1-#12, 1-#12, 1-#12	10
11	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		720		1	20 A	1-#12, 1-#12, 1-#12	12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	14
15						2700		2	40 A	2-#8, 1-#8, 1-#10	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		2	40 A	2-#8, 1-#8, 1-#10	18
19	--	--	--	--		2163	0	1	20 A	--	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	22
23	--	--	--	--		3000	0	1	20 A	--	24
TOTAL LOAD (VA):					14133	10683					
TOTAL CURRENT (A):					131	103					

TOTAL CONNECTED LOAD: 24816 VA

TOTAL CONNECTED CURRENT: 119 A

ESTIMATED DEMAND LOAD: 23921 VA

ESTIMATED DEMAND CURRENT: 115 A

NOTES:

1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.

PANEL 1509

LOCATION: KITCHEN 1509-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860		1	20 A	1-#12, 1-#12, 1-#12	2	
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180 360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4	
5	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1000		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540 1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	
9	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	710	0		1	20 A	SPARE	10	
11	SPARE	--	20 A	1		0					12	
13					1200	0		1	20 A	1-#12, 1-#12, 1-#12	14	
15						2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16	
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	18	
19	--	--	--	--		2163	0	1	20 A	SPARE	20	
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	SPARE	22	
23	--	--	--	--		3000	0	1	20 A	SPARE	24	
TOTAL LOAD (VA):					12883	10143						
TOTAL CURRENT (A):					120	98						
TOTAL CONNECTED LOAD: 23026 VA												
TOTAL CONNECTED CURRENT: 111 A												
ESTIMATED DEMAND LOAD: 23026 VA												
ESTIMATED DEMAND CURRENT: 111 A												
NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.												

PANEL 1510

LOCATION: KITCHEN 1510-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	860		1	20 A	1-#12, 1-#12, 1-#12	2	
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180 360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4	
5	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1200		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	SPARE	--	20 A	1		0 1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	
9	SPARE	--	20 A	1	0	1070		1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	SPARE	--	20 A	1		0				--		12
13					1200			1	20 A	1-#12, 1-#12, 1-#12		14
15						2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER		16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--		18
19	--	--	--	--		2163	0	--	--	--	PROVISION	20
21	HOT WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		--	--	--	PROVISION	22
23	--	--	--	--		3000	0	--	--	--	PROVISION	24
TOTAL LOAD (VA):					13623	9603						
TOTAL CURRENT (A):					126	92						

TOTAL CONNECTED LOAD: 23226 VA

TOTAL CONNECTED CURRENT: 112 A

ESTIMATED DEMAND LOAD: 23226 VA

ESTIMATED DEMAND CURRENT: 112 A

NOTES:

1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.

PANEL 1511

LOCATION: ENTRY 1511-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1040		1	20 A	1-#12, 1-#12, 1-#12	2	
3	MASTER BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180 540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	4	
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1000		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180 1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	890		1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	MISC RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		900						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15						2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16	
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--		2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--		3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					14313	10863						
TOTAL CURRENT (A):					133	104						

TOTAL CONNECTED LOAD: 25176 VA

TOTAL CONNECTED CURRENT: 121 A

ESTIMATED DEMAND LOAD: 24101 VA

ESTIMATED DEMAND CURRENT: 116 A

NOTES:

1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.

PANEL 1512

LOCATION: ENTRY 1512-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	1040		1	20 A	1-#12, 1-#12, 1-#12	2
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	540	1	20 A	1-#12, 1-#12, 1-#12	4
5	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1000		1	20 A	1-#12, 1-#12, 1-#12	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		900	1200	1	20 A	1-#12, 1-#12, 1-#12	8
9	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	710	0		1	20 A	--	10
11	SPARE	--	20 A	1		0				--	12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	14
15						2700		2	40 A	2-#8, 1-#8, 1-#10	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	18
19	--	--	--	--		2163	0	--	--	PROVISION	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		--	--	PROVISION	22
23	--	--	--	--		3000	0	--	--	PROVISION	24
TOTAL LOAD (VA):					13243	10683					
TOTAL CURRENT (A):					124	103					

TOTAL CONNECTED LOAD: 23926 VA

TOTAL CONNECTED CURRENT: 115 A

ESTIMATED DEMAND LOAD: 23476 VA

ESTIMATED DEMAND CURRENT: 113 A

NOTES:

1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.

PANEL 1513													
LOCATION: ENTRY 1513-1 SUPPLY SOURCE: VOLTAGE: 120/208 Single BUS: 150 A MAINS RATING: 150 A MAINS TYPE: MB				BRANCHES: STAB-IN POLES: 24 MOUNTING: Flush ENCLOSURE: Type 1 ACCESSORIE...				<input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> SERVICE ENTRANCE RATED <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> ISOLATED GROUND BAR				AVAILABLE AIC: AIC RATING:  <input type="checkbox"/> SERIES RATED <input checked="" type="checkbox"/> FULLY RATED	
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	MASTER BATHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	890	1200			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1070			1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	MISC RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1				360					12
13						1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15								2700	2	40 A	2-#6, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700			--	--	--	--	18
19	--	--	--	--			2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			1	20 A	--	SPARE	22
23	--	--	--	--			3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					14333		10323						
TOTAL CURRENT (A):					133		99						
TOTAL CONNECTED LOAD: 24656 VA TOTAL CONNECTED CURRENT: 119 A ESTIMATED DEMAND LOAD: 23941 VA ESTIMATED DEMAND CURRENT: 115 A													
NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.													

PANEL 1515

LOCATION: LIVING 1515-4

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...:

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	720			1 20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	MASTER BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1220	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1000			1 20 A	1-#12, 1-#12, 1-#12	KITCHEN	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1200	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	890			1 20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	SPARE	--	20 A	1		0						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15						2700		2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--		2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--		3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					13993	10643						
TOTAL CURRENT (A):					130	102						
TOTAL CONNECTED LOAD: 24636 VA												NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.
TOTAL CONNECTED CURRENT: 118 A												
ESTIMATED DEMAND LOAD: 23831 VA												
ESTIMATED DEMAND CURRENT: 115 A												

PANEL 1517

LOCATION: ENTRY 1517-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	1400			1 20 A	1-#10, 1-#10, 1-#10	KITCHEN RECEPTACLES/EXH HOOD	2
3	MASTER BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	900	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1200			1 20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	720			1 20 A	1-#12, 1-#12, 1-#12	LIVING ROOM/EXTERIOR RECEPTS	10
11	LIVING RMLAUNDRY/HALLWAY...	1-#12, 1-#12, 1-#12	20 A	1		1070						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15						2700		2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--		2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--		3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					14883	11393						
TOTAL CURRENT (A):					139	110						
TOTAL CONNECTED LOAD: 26276 VA												NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.
TOTAL CONNECTED CURRENT: 126 A												
ESTIMATED DEMAND LOAD: 24751 VA												
ESTIMATED DEMAND CURRENT: 119 A												

PANEL 1519

LOCATION: ENTRY 1519-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1020	360			1 20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	2
3	MASTER BATHROOM GFCL...	1-#12, 1-#12, 1-#12	20 A	1		360	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	890	1200			1 20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 GFCL RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1380			1 20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	MISC RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		360						12
13	ROOFTOP HEAT PUMP	2-#10, 1-#10, 1-#10	25 A	2	1373	2700			2 40 A	2-#8, 1-#8, 1-#10	DRYER	14
15	--	--	--	--	--	1373	2700	--	--	--	--	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	1200			1 20 A	1-#12, 1-#12, 1-#12	WASHER	18
19	--	--	--	--	--	2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--	--	3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					15466	11876						
TOTAL CURRENT (A):					144	114						
TOTAL CONNECTED LOAD: 27342 VA					NOTES:							
TOTAL CONNECTED CURRENT: 131 A					1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.							
ESTIMATED DEMAND LOAD: 26977 VA												
ESTIMATED DEMAND CURRENT: 130 A												

PANEL 1521															
LOCATION: BEDROOM 1521-7				BRANCHES: STAB-IN				<input type="checkbox"/> SHUNT TRIP MAIN CB				AVAILABLE AIC:			
SUPPLY SOURCE:				POLES: 24				<input type="checkbox"/> SERVICE ENTRANCE RATED				AIC RATING:			
VOLTAGE: 120/208 Single				MOUNTING: Flush				<input type="checkbox"/> UL LISTED FEED-THROUGH LUGS				SERIES RATED <input checked="" type="checkbox"/> FULLY RATED			
BUS: 150 A				ENCLOSURE: Type 1				<input type="checkbox"/> UL LISTED SUB-FEED LUGS							
MAINS RATING: 150 A				ACCESSORIES...				<input type="checkbox"/> ISOLATED GROUND BAR							
MAINS TYPE: MB															
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		POLES	TRIP	WIRE SIZE	DESCRIPTION		CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	860				20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2		
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4		
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1250	1200			1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6		
7	LAUNDRY/MISC RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1			360	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8		
9	MEDIA BOX	1-#12, 1-#12, 1-#12	20 A	1	180	0			1	20 A	--	SPARE	10		
11	SPARE	--	20 A	1			0						12		
13						1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14		
15								2700	2	40 A	2-#6, 1-#8, 1-#10	DRYER	16		
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700			--	--	--	--	18		
19	--	--	--	--	--	--	2163	0	--	--	--	PROVISION	20		
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0			--	--	--	PROVISION	22		
23	--	--	--	--	--	--	3000	0	--	--	--	PROVISION	24		
TOTAL LOAD (VA):					13803		10143								
TOTAL CURRENT (A):					128		98								
TOTAL CONNECTED LOAD: 23946 VA															
TOTAL CONNECTED CURRENT: 115 A															
ESTIMATED DEMAND LOAD: 23586 VA															
ESTIMATED DEMAND CURRENT: 113 A															
NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.															



PANEL 1600													
LOCATION: DINING 1600-1				BRANCHES: STAB-IN				<input type="checkbox"/> SHUNT TRIP MAIN CB				AVAILABLE AIC:	
SUPPLY SOURCE:				POLES: 24				<input type="checkbox"/> SERVICE ENTRANCE RATED				AIC RATING:	
VOLTAGE:				MOUNTING: Flush				<input type="checkbox"/> UL LISTED FEED-THROUGH LUGS					
BUS: 150 A				ENCLOSURE: Type 1				<input type="checkbox"/> UL LISTED SUB-FEED LUGS				<input type="checkbox"/> SERIES RATED	
MAINS RATING: 150 A				ACCESSORIE...				<input type="checkbox"/> ISOLATED GROUND BAR				<input checked="" type="checkbox"/> FULLY RATED	
MAINS TYPE: MB													
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1												2	
3												4	
5												6	
7												8	
9												10	
11												12	
13												14	
15												16	
17												18	
19												20	
21												22	
23												24	
TOTAL LOAD (VA):					0	0	0						
TOTAL CURRENT (A):													
TOTAL CONNECTED LOAD: 0 VA										NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.			
TOTAL CONNECTED CURRENT: Not Computed													
ESTIMATED DEMAND LOAD: 0 VA													
ESTIMATED DEMAND CURRENT: Not Computed													

PANEL 1602

LOCATION: ENTRY 1602-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	POWDER ROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	1200		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		710	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	900		1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	SPARE	--	20 A	1		0						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15							2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--		18
19	--	--	--	--			2163	0	1	20 A	--	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--		3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					13453	10313						
TOTAL CURRENT (A):					125	99						
TOTAL CONNECTED LOAD: 23766 VA												NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.
TOTAL CONNECTED CURRENT: 114 A												
ESTIMATED DEMAND LOAD: 23496 VA												
ESTIMATED DEMAND CURRENT: 113 A												

PANEL 1604															
LOCATION: HALL 1604-6				BRANCHES: STAB-IN				<input type="checkbox"/> SHUNT TRIP MAIN CB				AVAILABLE AIC:			
SUPPLY SOURCE:				POLES: 24				<input type="checkbox"/> SERVICE ENTRANCE RATED				AIC RATING:			
VOLTAGE: 120/208 Single				MOUNTING: Flush				<input type="checkbox"/> UL LISTED FEED-THROUGH LUGS							
BUS: 150 A				ENCLOSURE: Type 1				<input type="checkbox"/> UL LISTED SUB-FEED LUGS				SERIES RATED			
MAINS RATING: 150 A				ACCESSORIE...				<input type="checkbox"/> ISOLATED GROUND BAR				<input checked="" type="checkbox"/> FULLY RATED			
MAINS TYPE: MB															
CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A		B		C		POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#
1	BEDROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	890	860					1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1			180	360			1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1					0	0	1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	0	0					1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9								0			1	20 A	--	SPARE	10
11															12
13	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	1200					1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15	--	--	--	--			2163	2700			2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2					0	0	--	--	--	--	18
19	--	--	--	--	3000	0					1	20 A	--	SPARE	20
21															22
23															24
TOTAL LOAD (VA):					13083		9783		0						
TOTAL CURRENT (A):					122		94		0						
TOTAL CONNECTED LOAD: 22866 VA														NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.	
TOTAL CONNECTED CURRENT: 110 A															
ESTIMATED DEMAND LOAD: 22866 VA															
ESTIMATED DEMAND CURRENT: 110 A															

PANEL 1607

LOCATION: KITCHEN 1607-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	BATHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		180	360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	710	1200		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	0		1	20 A	--	SPARE	10
11	SPARE	--	20 A	1		0						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15							2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--		18
19	--	--	--	--		2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		--	--	--	PROVISION	22
23	--	--	--	--			3000	0	--	--	PROVISION	24
TOTAL LOAD (VA):					13083	10143						
TOTAL CURRENT (A):					122	98						
TOTAL CONNECTED LOAD: 23226 VA												
TOTAL CONNECTED CURRENT: 112 A												
ESTIMATED DEMAND LOAD: 23226 VA												
ESTIMATED DEMAND CURRENT: 112 A												
NOTES: 1. PROVIDE NAMEPLATE INDICATING CONDOMINIUM NUMBER INSTALLED ON INSIDE OF DOOR.												

PANEL 1608

LOCATION: ENTRY 1608-1

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860			1 20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	BATHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		180 360	1	20 A	1 20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	710	1200			1 20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		540 1200	1	20 A	1 20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	0			1 20 A	--	SPARE	10
11	SPARE	--	20 A	1		0						12
13					1200				1 20 A	1-#12, 1-#12, 1-#12	WASHER	14
15						2700			2 40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--	--	2163	0	--	--	--	PROVISION	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		--	--	--	PROVISION	22
23	--	--	--	--	--	3000	0	--	--	--	PROVISION	24
TOTAL LOAD (VA):					13083	10143						
TOTAL CURRENT (A):					122	98						

TOTAL CONNECTED LOAD: 23226 VA

TOTAL CONNECTED CURRENT: 112 A

ESTIMATED DEMAND LOAD: 23226 VA

ESTIMATED DEMAND CURRENT: 112 A

NOTES:

PANEL 1610

LOCATION: HALL 1610-5

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	MASTER BEDROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1220		1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	MASTER BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	540	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4
5	BEDROOM 2 RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	1200		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	BATHROOM 2 RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180	1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8
9	MEDIA BOX RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	540		1	20 A	1-#12, 1-#12, 1-#12	LIVING ROOM RECEPTACLES	10
11	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		890						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15						2700		2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--	--	2163	0	1	20 A	--	SPARE	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		1	20 A	--	SPARE	22
23	--	--	--	--	--	3000	0	1	20 A	--	SPARE	24
TOTAL LOAD (VA):					14343	10853						
TOTAL CURRENT (A):					133	104						
TOTAL CONNECTED LOAD: 25196 VA												
TOTAL CONNECTED CURRENT: 121 A												
ESTIMATED DEMAND LOAD: 24211 VA												
ESTIMATED DEMAND CURRENT: 116 A												
NOTES:												

PANEL 1612

LOCATION: BEDROOM 1612-5

SUPPLY SOURCE:

VOLTAGE: 120/208 Single

BUS: 150 A

MAINS RATING: 150 A

MAINS TYPE: MB

BRANCHES: STAB-IN

POLES: 24

MOUNTING: Flush

ENCLOSURE: Type 1

ACCESSORIE...

SHUNT TRIP MAIN CB

SERVICE ENTRANCE RATED

UL LISTED FEED-THROUGH LUGS

UL LISTED SUB-FEED LUGS

ISOLATED GROUND BAR

AVAILABLE AIC:

AIC RATING:

SERIES RATED

X FULLY RATED

CKT#	DESCRIPTION	WIRE SIZE	TRIP	POLES	A	B	POLES	TRIP	WIRE SIZE	DESCRIPTION	CKT#	
1	BEDHROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	1070	860			1 20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES/EXH HOOD	2
3	BATHROOM RECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1		180 360	1	20 A	1-#12, 1-#12, 1-#12	KITCHEN RECEPTACLES	4	
5	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1	540	1200		1	20 A	1-#12, 1-#12, 1-#12	MICROWAVE	6
7	LIVING ROOM RECEPTACLES	1-#12, 1-#12, 1-#12	20 A	1		530 1200	1	20 A	1-#12, 1-#12, 1-#12	DISHWASHER	8	
9	MEDIA BOX FRECEPTACLE	1-#12, 1-#12, 1-#12	20 A	1	180	0		1	20 A	--	SPARE	10
11	SPARE	--	20 A	1		0						12
13					1200			1	20 A	1-#12, 1-#12, 1-#12	WASHER	14
15							2700	2	40 A	2-#8, 1-#8, 1-#10	DRYER	16
17	A/C UNIT	2-#10, 1-#10, 1-#10	30 A	2	2163	2700		--	--	--	--	18
19	--	--	--	--	--	2163	0	--	--	--	PROVISION	20
21	WATER HEATER	2-#8, 1-#8, 1-#10	40 A	2	3000	0		--	--	--	PROVISION	22
23	--	--	--	--	--	3000	0	--	--	--	PROVISION	24
TOTAL LOAD (VA):					12913	10133						
TOTAL CURRENT (A):					121	97						

TOTAL CONNECTED LOAD: 23046 VA

TOTAL CONNECTED CURRENT: 111 A

ESTIMATED DEMAND LOAD: 23046 VA

ESTIMATED DEMAND CURRENT: 111 A

NOTES:



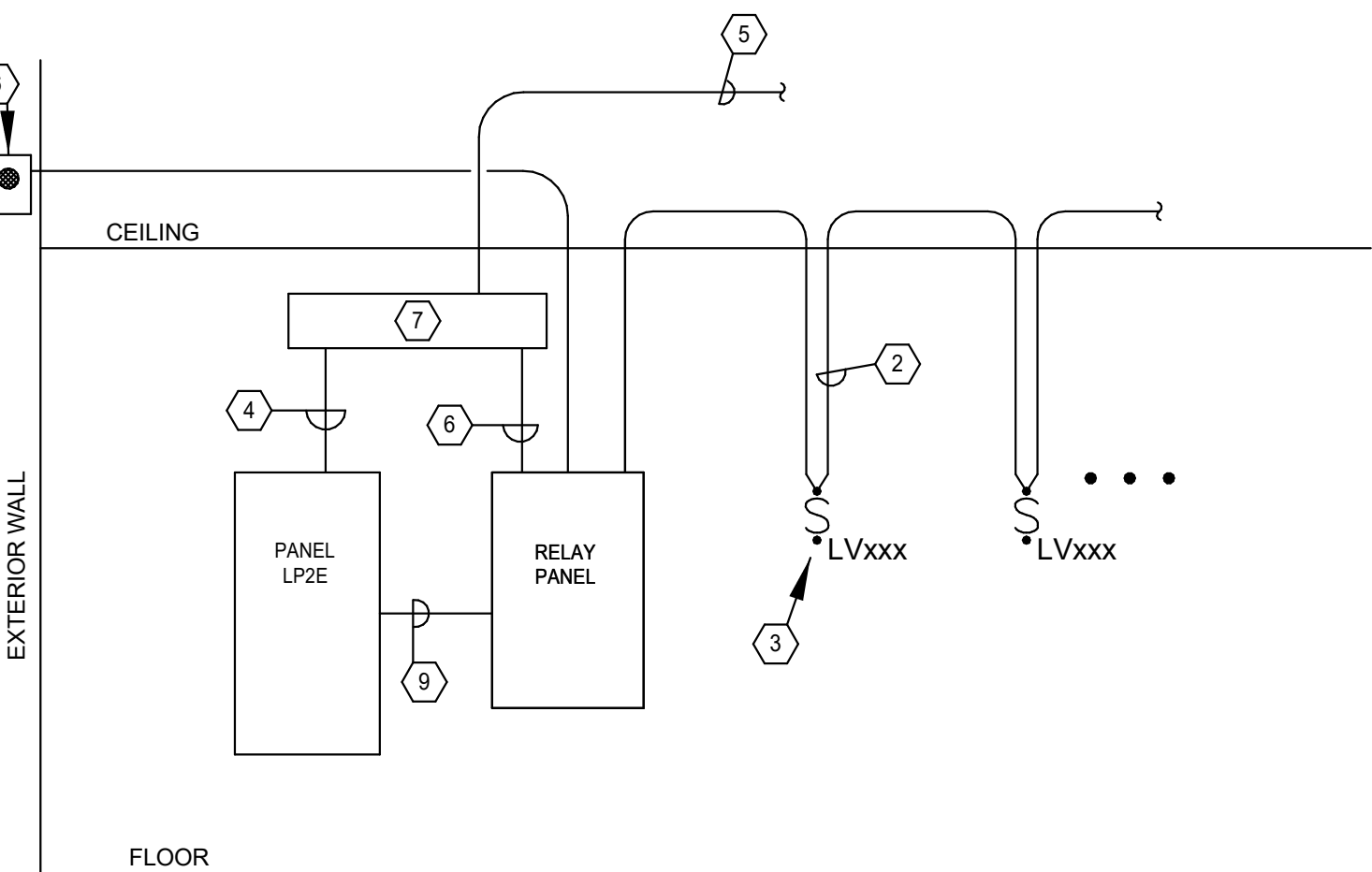
8. CUSTOMER TO SUBMIT LOAD INFORMATION, ONE LINE OF PROPOSED ELECTRICAL DISCONNECT AND BATTERY LOCATION, IDENTIFYING ALL EQUIPMENT BY VOLTAGE. BEFORE THE EQUIPMENT CAN BE INSTALLED TO CUSTOMER'S FACILITY.
9. VAULT CONSTRUCTION SHALL CONFORM TO ALL NATIONAL ELECTRICAL CODE REQUIREMENTS AND IN PARTICULAR ARTICLES 430-41 THROUGH 430-48.
10. TRANSFORMER VULAT DESIGN SHOULD BE SUBMITTED TO ALL REGULATORY AGENCIES FOR REVIEW AND APPROVAL. ANY ADDITIONAL COMMENTS OR REVISIONS OF VULAT MAY NECESSITATE ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.
11. TRANSFORMER VULAT CONSTRUCTION DRAWING SHALL BE PREPARED BY CUSTOMER AND SUBMITTED TO ENTERGY FOR APPROVAL.
12. APPROXIMATE LOCATIONS AND WEIGHT OF TRANSFORMERS ARE GIVEN, MAXIMUM WEIGHT SHALL NOT EXCEED 6000 LBS. TRANSFORMERS SHALL BE MOUNTED ON FOUNDATION NOT INTEGRATED WITH VULAT SYSTEM.
13. CUSTOMER SHALL CONSTRUCT, OWN AND MAINTAIN THE TRANSFORMER VULAT INCLUDING CONDUIT STUB UPS AND GROUND RODS. GROUND RODS TO EXTEND MINIMUM 6 FEET INTO FIRM SOIL. TRANSFORMER VULAT SHALL BE PROVIDED BY VULAT EQUIPMENT WITH THE EXCEPTION OF FORCED VENTILATION SYSTEMS WHEN REQUIRED.
14. ALL STRUCTURAL STEEL BEAMS, COLUMNS, JOISTS, ETC. IN THE VAULT SHALL BE PROTECTED WITH A SUITABLE SPRAY ON ASBESTOS. PROVIDE A MINIMUM 3 HOUR RATING.
15. THE VAULT FLOOR WALLS AND CEILING SHALL HAVE A MINIMUM 3 HOUR RATING. FLOOR AND CEILING SHALL BE CONCRETE WALLS SHALL BE CONCRETE BLOCK BRICK OR CONCRETE NEW CONCRETE MASONRY UNIT (CMU) BLOCK WALLS SHALL BE FILLED WITH CONCRETE FROM LOOM TO CEILING. IF WALLS ARE CONSTRUCTED OF BRICK OR CONCRETE BLOCK PLACES DIRECTLY TO THE VAULT LOOK AT LEAST 4" HIGH x 4" WIDE CONTINUOUS CONCRETE RETAINING CURB SHALL BE POWRED AGAINST THE INSIDE OF THE WALLS. DOORS SHALL BE METAL, WITH FAST PIN HINGES, LATCH, AND PROVISION FOR EMERGENCY PADLOCK. IF A LATCH WITH CYLINDER LOCK IS INSTALLED, THE LOCK MUST BE RESEALING NONPERFORATIVE.
16. CUSTOMER #1 HIGH VOLT WILL BE REQUIRED AT ALL OPENINGS
17. ENTERGY PUMP AND DUCT SYSTEM SHALL NOT ENTER OR PASS THROUGH THE VAULT
18. IF A CUSTOMER HAS A SERVICE ENTRANCE BUSS DUCT, THE BUSS DUCT IS NOT TO ENTER INSIDE THE VAULT VIA EITHER SIDE OF MANUFACTURER'S BUS BAR FABRICATION DRAINAGE SHALL BE SUBMITTED TO ENTERGY FOR APPROVAL.
19. VENTILATION SHALL BE PROVIDED BY WALL LOWERS AND/OR LOUVERS IN EACH ROOM. ALL LOUVERS SHALL BE OPERABLE BY HAND. ALL VENTILATION DEVICES, LOWERS SHALL HAVE 1/4" HARDWARE CLOTH ON INSIDE SEE TABLE FOR MINIMUM COVER AREA REQUIRED. WHERE THE LOWER COVER AREA CANNOT BE SUPPLIED, A FORCED VENTILATION SYSTEM, THERMOSTATICALLY CONTROLLED AND AT LEAST 1/4" AIR FLOW UNITS SHALL BE USED. THE SYSTEM AND COMPLETELY WIRED FOR OPERATION MAY BE SUBSTITUTED, SEE TABLE FOR MINIMUM COVER AREA REQUIRED. THE SYSTEM SHALL INCLUDE ALL DUCT WORK TO OUTSIDE OR AIR INTAKE. THE SYSTEM SHALL BE SUBJECT TO ORDERING LOWERS, CUSTOMER SHALL QUALIFY MANUFACTURERS FOR COMPLIANCE WITH THE FOLLOWING REQUIREMENTS:
20. VULAT SHALL ONLY BE ACCESSIBLE BY CERTIFIED ENTRY PERSONNEL.
21. DERIVATION FROM THESE REQUIREMENTS MAY RENDER THE VULAT UNSAFE. RESOLUTION IN ENTERGY'S REFUSAL TO INSTALL ELECTRICAL EQUIPMENT.

TRANSFORMER SIZE	VENTILATION	
	LOUVERS	FORCED
2 - 500 KVA	42 SQ. FT.	3200 CFM
2 - 750 KVA	63 SQ. FT.	4800 CFM
2 - 1000 KVA	83 SQ. FT.	6400 CFM

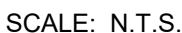
SCALE: N.T.S.



SCALE: N.T.S.



SCALE: N.T.S.

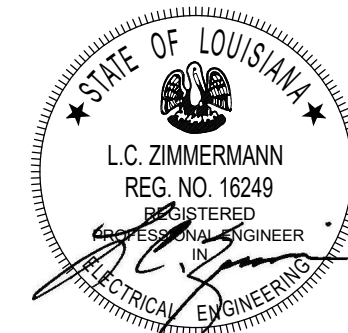


SCALE: N.T.S.



THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS, AND I AM NOT PROVIDING CONTRACT ADMINISTRATION

CERTIFIED CORRECT



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[illegible]

## ELECTRICAL DETAILS

PROJECT#: 1709  
PHASE: PERMIT  
TEAM: MEI  
CHECKER: JL  
SCALE: AS NOTED  
ISSUED: 06/05/2018

MOSES  
ENGINEERS

CONSULTING ENGINEERS  
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New Orleans, Louisiana 70112-1034  
Tel. 504-586-1725  
Moses Job#: 2017-022

## E7.1

## E7.2





SCALE: N.T.S.



SCALE: N.T.S.



SCALE: N.T.S.



SCALE: N.T.S.



SCALE: N.T.S.



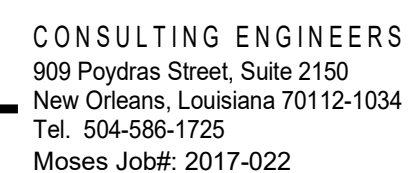
SCALE: N.T.S.



SCALE: N.T.S.



SCALE: N.T.S.



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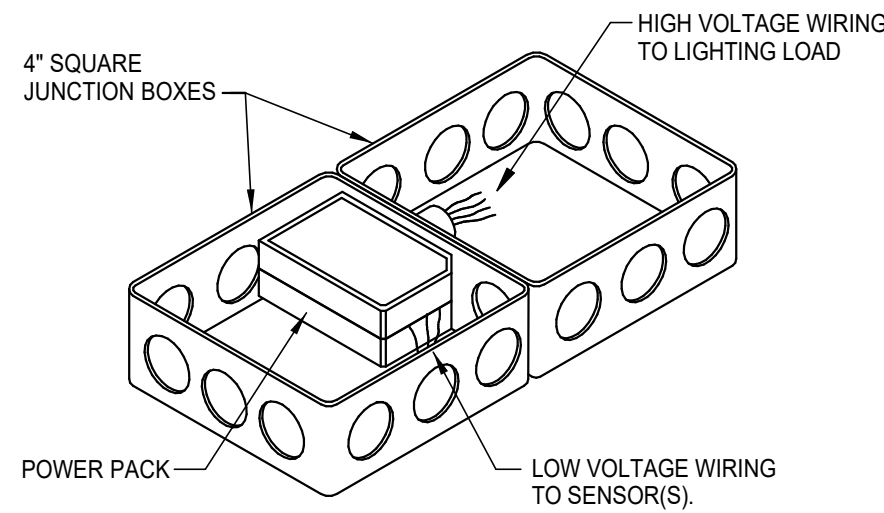
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## E7.3

### OCCUPANCY SENSOR GENERAL NOTES

- 1) ALL SENSOR LOCATIONS ARE APPROXIMATE REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PRIOR TO INSTALLATION.
- 2) SENSOR COVERAGE AREAS AND PATTERNS VARY BY MANUFACTURER. CONTRACTOR SHALL VERIFY SENSOR LAYOUT WITH CHOSEN MANUFACTURER'S COVERAGE PATTERNS PRIOR TO INSTALLATION.
- 3) DJUST SENSOR LOCATIONS TO ALLOW FOR PROPER OPERATION WHERE THERE ARE OBSTRUCTIONS THAT AFFECT OPERATION OF SENSORS. CONTRACTOR SHALL VERIFY THE REQUIRED NUMBER OF POWER PACKS. ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT.



### 1 OCCUPANCY SENSOR POWER PACK DETAIL

SCALE: N.T.S.

THIS IS A SCHEMATIC REPRESENTATION OF THE MOUNTING OF THE MAINTENANCE FIXTURE/RECEPTACLE INSTALLATION AND THE DISCONNECT SWITCH INSTALLATION RELATED TO THE MECHANICAL EQUIPMENT ON THE ROOF.

PROVIDE CHANNEL FRAMING MOUNTING OF DEVICES AND SWITCHES WHEN THERE IS NO PARAPET OR WALL TO MOUNT DEVICES TO WITHIN THE REQUIRED PROXIMITY OF THE EQUIPMENT.

CONTRACTOR IS RESPONSIBLE TO COORDINATE THE EXACT CONSTRUCTION DETAILS OF THE ROOF AND ADJUST THE WORK ACCORDINGLY TO PROVIDE FOR A STABLE AND SECURE MOUNTING. THE ATTACHMENT MEDIA SHALL BE COORDINATED WITH THE SUBSTRATE MATERIAL AND WITH THE WEIGHT AND MOMENT OF THE FRAMING SUPPORT MATERIAL. MOUNTING ASSEMBLY SHALL BE ABLE TO WITHSTAND A MINIMUM OF 100 MPH WIND.

MOUNT RECEPTACLE AND LIGHT FIXTURE ON UNI-STRUT FRAME. LOCATE FRAME WHERE DEVICES SHOWN ON DRAWINGS OR ADJACENT TO MECHANICAL EQUIPMENT.

PROVIDE DUPLEX, GFI RECEPTACLE WITH WEATHER PROOF COVER, DESIGNED TO BE CLOSED WITH CORD PLUGGED IN.

LENGTH OF UNISTRUT TO BE DICTATED BY MOUNTING HEIGHT AT RESPECTIVE LOCATION. COORDINATE TO PROVIDE INSTALLATION WITH COMPONENTS NOT WITHIN NORMAL VIEWING ANGLES OF THE PUBLIC.

MOUNT DISCONNECT SWITCH ON UNI-STRUT FRAME. LOCATE FRAME ADJACENT TO MECHANICAL EQUIPMENT.

ATTACH AND SECURE UNI-STRUT FRAME TO SLAB AS DICTATED AND REQUIRED BY ARCHITECT. COORDINATE WITH ARCHITECT AND OTHER TRADES PRIOR TO COMMENCING WORK. ADJUST WORK ACCORDINGLY. SEAL PENETRATION, MAINTAIN STRUCTURAL AND FIRE RATING INTEGRITY.

WHEN MOUNTED ON GRADE OR ROOF SLAB

WHEN MOUNTED ON ROOF, PROVIDE WEATHER SEAL FITTING AS DIRECTED BY ARCHITECT AND COORDINATED WITH ROOFING VENDOR. ATTACH AND SECURE UNI-STRUT FRAME TO ROOF AS DICTATED AND REQUIRED BY ARCHITECT, ROOFING VENDOR AND OTHER TRADES PRIOR TO COMMENCING WORK. ADJUST WORK ACCORDINGLY. MAINTAIN WEATHERPROOF AND STRUCTURAL INTEGRITY OF ROOF, ROOFING ASSEMBLY AND MATERIAL.

TO SWITCH LEG AND NEUTRAL CIRCUITRY FOR SWITCHED TOP PLUG

THE PHASE TERMINAL SIDE THE TIE JUMPER CONNECTION WILL REMAIN IN-PLACE ON THE NEUTRAL TERMINAL SIDE. BREAK OFF AND DISCARD LINE-CONTACT CONNECTING TAB, TO ISOLATE PLUGS, ON

PHASE TERMINAL SIDE

TO HOT AND NEUTRAL CIRCUITRY FOR UNSWITCHED BOTTOM PLUG

RECEPTACLES INDICATED AS SPLIT-WIRED WILL HAVE THE TOP PLUG SWITCHED AND THE BOTTOM PLUG UN-CONTROLLED.

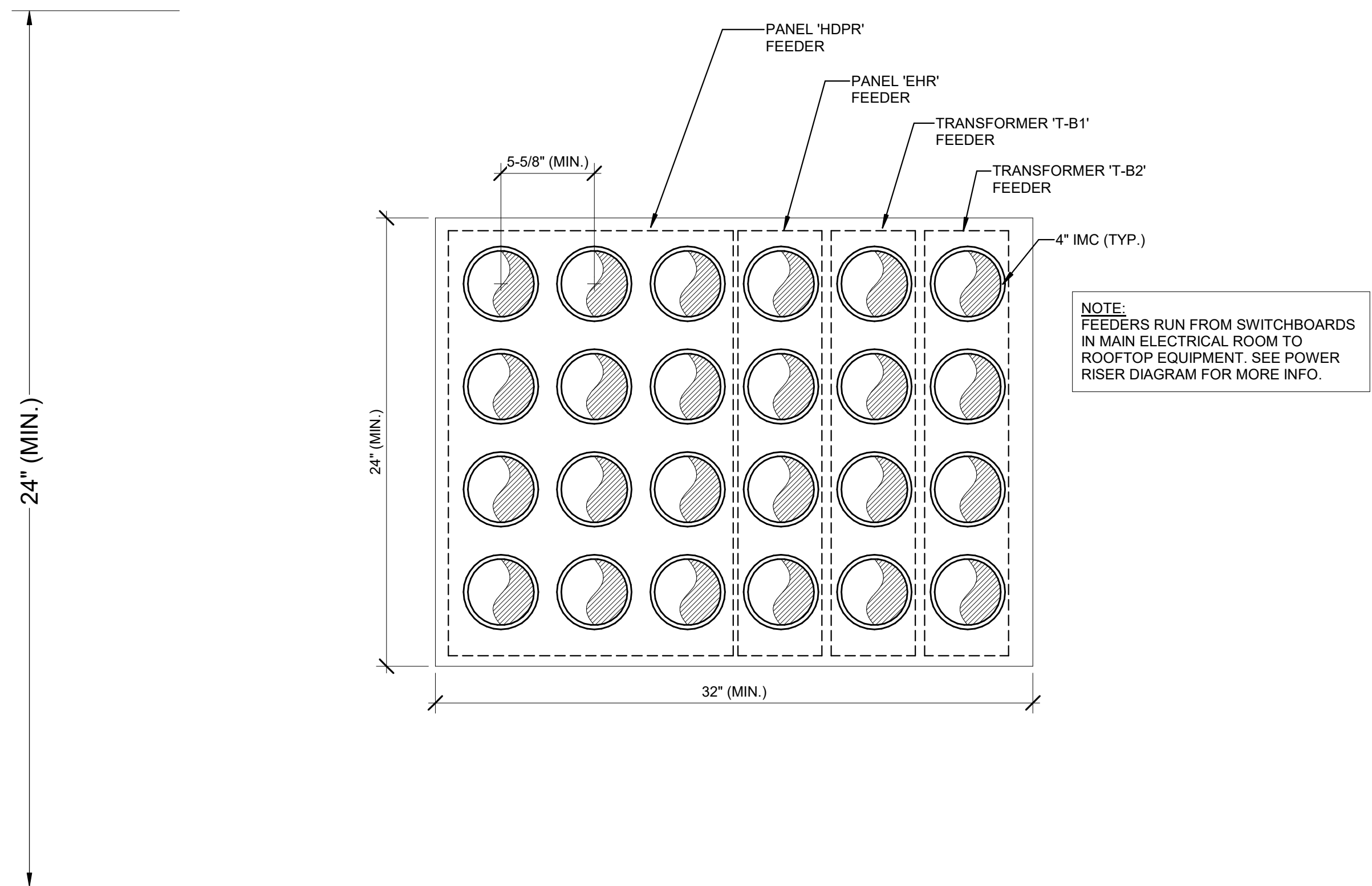
WHEN MOUNTED ON ROOF STRUCTURE

### 3 TYPICAL EQUIPMENT DEVICE MOUNTING SCHEMATIC

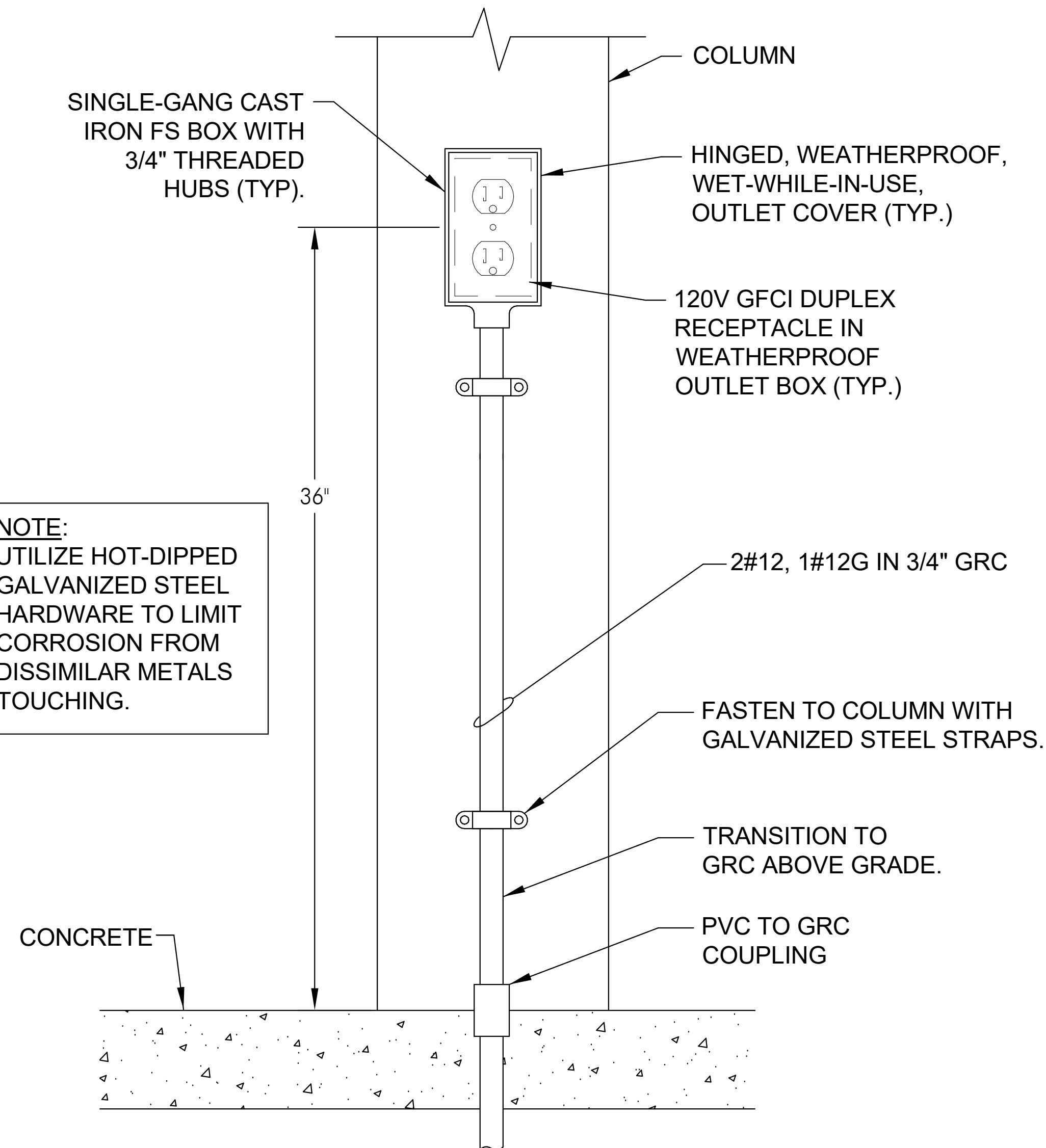
SCALE: N.T.S.

### 2 ELECTRICAL CONDUIT RISER SECTION

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NOTE: UTILIZE HOT-DIPPED GALVANIZED STEEL HARDWARE TO LIMIT CORROSION FROM DISSIMILAR METALS TOUCHING.

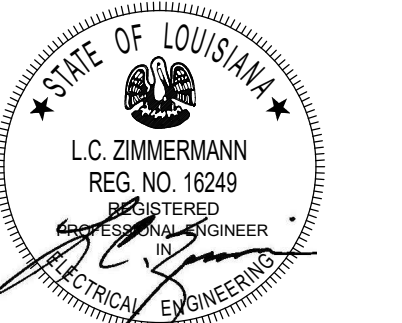


### 4 GARAGE-DOCK RECEPTACLE DETAIL

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REVISION HISTORY				

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